

Anti-WDR26 Antibody

ER1918-63



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-P
Molecular Wt:	Predicted band size: 72 kDa

Description: WD repeat-containing protein 26 is a protein that in humans is encoded by the WDR26 gene. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation.

Immunogen: Synthetic peptide within human WDR26 aa 151-200.

Positive control: HeLa (Human cervical adenocarcinoma cells) cell lysate, HEK-293 (Human embryonic kidney cells) cell lysate, HCT 116 (Human colon cancer cells) cell lysate, Mouse spleen tissue lysate, Rat lung tissue lysate, Rat testis tissue lysate.

Subcellular location: Cytoplasm, Nucleus, Mitochondrion.

Database links: SwissProt: Q9H7D7 Human | Q8C6G8 Mouse | F1LTR1 Rat

Recommended Dilutions:

WB	1:5,000
IHC-P	1:200

Storage Buffer: 1*PBS (pH7.4), 0.1% BSA, 40% Glycerol, 0.2% Proclean 950.

Storage Instruction: Shipped at 4°C. Store at +4°C short term (1-2 weeks). It is recommended to aliquot into single-use upon delivery. Store at -20°C long term.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

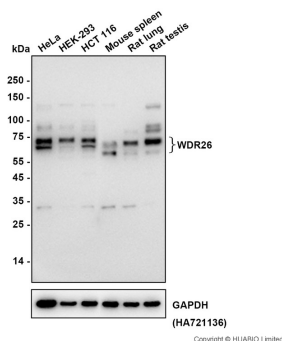
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Images

Fig1: Western blot analysis of WDR26 on different lysates with Rabbit anti-WDR26 antibody (ER1918-63) at 1/5,000 dilution.



Lane 1: HeLa (Human cervical adenocarcinoma cells) cell lysate
 Lane 2: HEK-293 (Human embryonic kidney cells) cell lysate
 Lane 3: HCT 116 (Human colon cancer cells) cell lysate
 Lane 4: Mouse spleen tissue lysate
 Lane 5: Rat lung tissue lysate
 Lane 6: Rat testis tissue lysate

Cell lysates/proteins at 15 µg/Lane, tissue lysate/proteins at 20 µg/Lane.

Exposure time: 3 minutes; ECL: K1801

Blocking: 5% NFDm/TBST, 1 hour at room temperature

Primary antibody: ER1918-63, 1/5,000 in primary antibody dilution buffer (K1803), overnight at 4 °C

Secondary antibody: Goat anti-Rabbit IgG-HRP (HA1001), 1/50,000 in 5% NFDm/TBST, 1 hour at room temperature

Predicted band size: 72 kDa

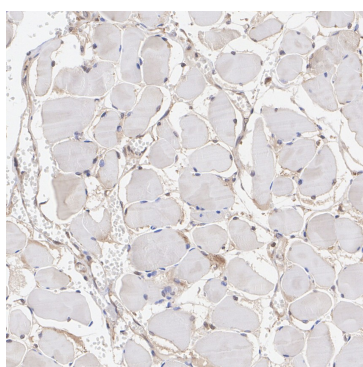
Observed band size: 72/70 kDa

Fig2: Application: Immunohistochemistry (IHC-P)

Species: Human

Tissue: Skeletal muscle

Sample: Paraffin-embedded section



Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95 °C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

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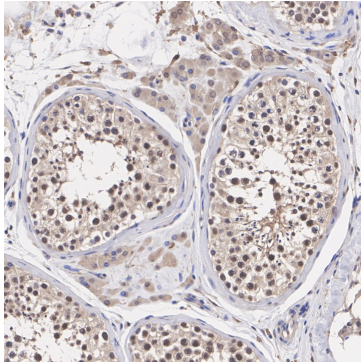


Fig3: Application: Immunohistochemistry (IHC-P)

Species: Human

Tissue: Testis

Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95°C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

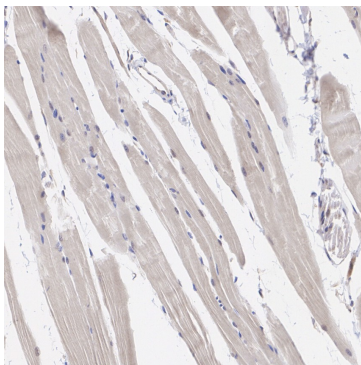


Fig4: Application: Immunohistochemistry (IHC-P)

Species: Mouse

Tissue: Skeletal muscle

Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95°C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

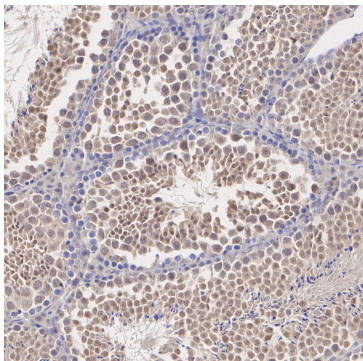


Fig5: Application: Immunohistochemistry (IHC-P)

Species: Mouse

Tissue: Testis

Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95°C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

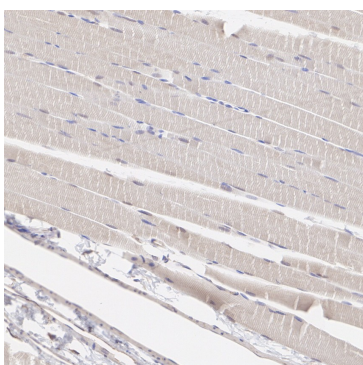


Fig6: Application: Immunohistochemistry (IHC-P)

Species: Rat

Tissue: Skeletal muscle

Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95°C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

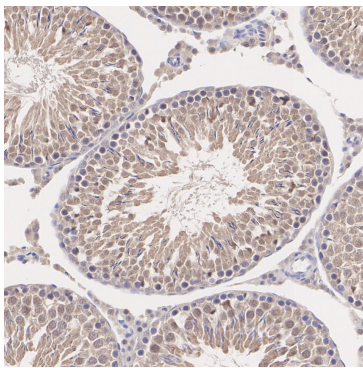


Fig7: Application: Immunohistochemistry (IHC-P)

Species: Rat

Tissue: Testis

Sample: Paraffin-embedded section

Antigen retrieval: Heat-mediated, Tris-EDTA buffer (pH 9.0), 20 minutes at 95°C.

Wash buffer: 1× TBST

Endogenous peroxidase blocking: 3% H₂O₂, 10 minutes at room temperature.

Blocking: 1% BSA + 10% normal goat serum, 10 minutes at room temperature.

Primary antibody: ER1918-63, 1/200, 1 hour at room temperature.

Secondary antibody: HA1119, 20 minutes at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Onea G et al. WDR26 depletion alters chromatin accessibility and gene expression profiles in mammalian cells. *Genomics*. 2025 Mar
2. Lin X et al. WDR26-related Skraban-Deardorff syndrome: clinical, genetic and pathomechanistic insights. *Eur J Med Res*. 2025 Aug

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