

Anti-FBXO3 Antibody [PSH04-09]

HA722090



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB
Molecular Wt:	Predicted band size: 55 kDa
Clone number:	PSH04-09

Description: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates 2 transcript variants diverging at the 3' end.

Immunogen: Recombinant protein within human FBXO3 aa 1-450 / 471.

Positive control: MDA-MB-231 cell lysate, HeLa cell lysate, K-562 cell lysate, MCF7 cell lysate, SK-Br-3 cell lysate, JAR cell lysate, HepG2 cell lysate, NIH/3T3 cell lysate.

Subcellular location: Nucleus.

Database links: SwissProt: Q9UK99 Human | Q9DC63 Mouse

Recommended Dilutions:

WB 1:2,000

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

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: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

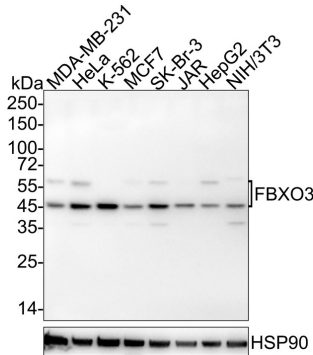
Service mail:support@huabio.cn

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Images

Fig1: Western blot analysis of FBXO3 on different lysates with Rabbit anti-FBXO3 antibody (HA722090) at 1/2,000 dilution.

Lane 1: MDA-MB-231 cell lysate
 Lane 2: HeLa cell lysate
 Lane 3: K-562 cell lysate
 Lane 4: MCF7 cell lysate
 Lane 5: SK-Br-3 cell lysate
 Lane 6: JAR cell lysate
 Lane 7: HepG2 cell lysate
 Lane 8: NIH/3T3 cell lysate



Lysates/proteins at 20 µg/Lane.

Predicted band size: 55 kDa
 Observed band size: 55/48 kDa

Exposure time: 1 minute 18 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA722090) at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

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

Background References

1. Xu J et al. FBXO3 stabilizes USP4 and Twist1 to promote PI3K-mediated breast cancer metastasis. PLoS Biol. 2023 Dec
2. Gao Y et al. E3 Ubiquitin Ligase FBXO3 Drives Neuroinflammation to Aggravate Cerebral Ischemia/Reperfusion Injury. Int J Mol Sci. 2022 Nov

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