

Anti-UBXD2 Antibody

ER1918-36



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-P, IF-Tissue
Molecular Wt:	57 KDa

Description: UBXD2 is an integral membrane protein of the endoplasmic reticulum (ER) that binds valosin-containing protein (VCP) and promotes ER-associated protein degradation (ERAD). Immunohistochemical staining of brain tissue from patients with Alzheimer's disease and control subjects revealed that UBXD2 accumulates preferentially in neurons undergoing neurofibrillary degeneration in Alzheimer's disease.

Immunogen: KLH conjugated synthetic peptide derived from human UBXD2 201-300/508

Positive control: Expressed in many tissues, including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Accumulates in Alzheimer disease-afflicted brains (at protein level).

Subcellular location: Endoplasmic reticulum membrane. Both the N- and the C-terminus face the cytosol; also found in the nucleus envelope contiguous to the ER.

Database links: SwissProt: Q92575 Human

Recommended Dilutions:

WB	1:500-2000
IHC-P	1:100-500
IF-tissue	1:100-500

Storage Buffer: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage Instruction: Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

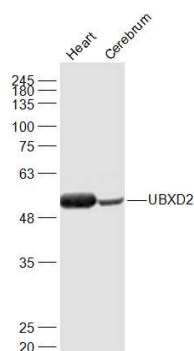
Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

 华安生物
HUABIO
www.huabio.cn

Images

**Fig1: Sample:**

Heart (Mouse) Lysate at 40 ug

Cerebrum (Rat) Lysate at 40 ug

Primary: Anti-UBXD2 (ER1918-36) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kD

Observed band size: 57 kD

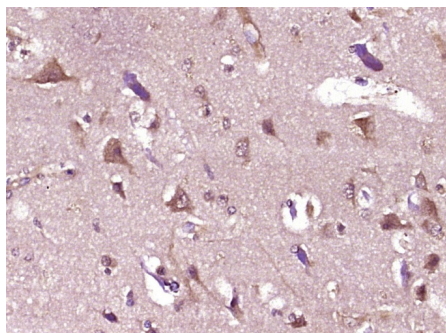


Fig2: Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (UBXD2) Polyclonal Antibody, Unconjugated (ER1918-36) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

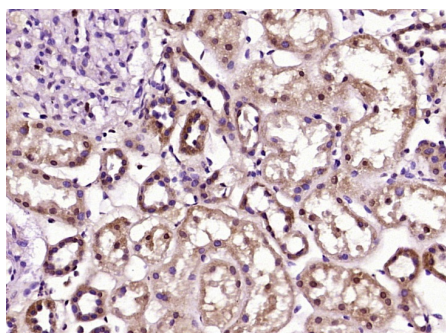


Fig3: Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (UBXD2) Polyclonal Antibody, Unconjugated (ER1918-36) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

华安生物
HUABIO
www.huabio.cn