

Anti-UBOX5 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 59 kDa. Actual: 59 kDa.
Purification:	Protein A purified

Applications

Sample:	Embryo (Mouse) Lysate at 40 µg Lung (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-UBOX5 at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD Observed band size: 59 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human UBOX5/RNF37
Antigen Species:	Human
Gene ID:	22888
Uniprot ID:	O94941

Research Background

The U-box domain is a modified RING finger motif that has been implicated in the ubiquitin/proteasome system. The ubiquitin-conjugating enzyme 7-interacting protein 5 (UIP5), also designated U-box domain-containing protein 5 or RING finger protein 37, contains 1 RING-type zinc finger and 1 U-box domain. UIP5 has been shown to interact with UBCH7, an enzyme that mediates selective degradation of abnormal proteins. The gene encoding UIP5 maps to chromosome 20, which houses over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome. Additionally, chromosome 20 contains a region with numerous genes which are thought important for seminal production and may be potential targets for male contraception.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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