

Mouse Postacrosomal sheath WW domain-binding protein (WBP2NL) ELISA Kit

Catalog No: #EK5840

Orders: order@signalwayantibody.com

Package Size: #EK5840-1 48T #EK5840-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Postacrosomal sheath WW domain-binding protein (WBP2NL) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (<i>Mus musculus</i>)
Other Names	CTA-250D10.11; FLJ26145; MGC26816; PAWP; OTTHUMP00000199648 postacrosomal sheath WW domain-binding protein
Accession No.	Q9D529
Uniprot	Q9D529
GeneID	74716;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.059 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:Sandwich Test principle:This assay employs a two-site sandwich ELISA to quantitate WBP2NL in samples. An antibody specific for WBP2NL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyWBP2NL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WBP2NL is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WBP2NL bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**WBP4 encodes WW domain-containing binding protein 4. The WW domain represents a small and compact globular structure that interacts with proline-rich ligands. This encoded protein is a general spliceosomal protein that may play a role in cross-intron bridging of U1 and U2 snRNPs in the spliceosomal complex A.

The predicted 376-amino acid FBP21 protein contains an N-terminal zinc finger motif and 2 WW domains. Western blot analysis of in vitro translated FBP21 protein and of HeLa cell extracts showed that FBP21 migrates as a 58-kD polypeptide. Immunofluorescence studies of HeLa cells indicated that endogenous FBP21 is exclusively localized to the nucleus and concentrated in a punctate pattern. In addition, FBP21 colocalized with the essential pre-mRNA splicing factor SC35.

Note: This product is for in vitro research use only