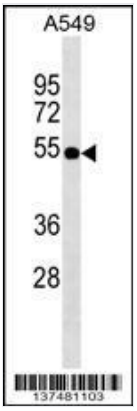
ZFP36L2 Antibody – Rabbit Polyclonal

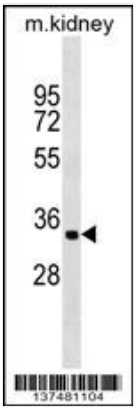
PRODUCT OVERVIEW

Product Name	ZFP36L2, Polyclonal Antibody
Full Product Name	ZFP36L2, ID (ZFP36L2, BRF2, ERF2, RNF162C, TIS11D, Zinc finger protein 36, C3H1 type-like 2, Butyrate response factor 2, EGF-response factor 2, Protein TIS11D) (Azide free) (HRP)
Product Gene Name	anti-ZFP36L2 antibody
Product Synonym Names	ZFP36L2; BRF2; ERF2; RNF162C; TIS11D; Zinc finger protein 36; C3H1 type-like 2; Butyrate response factor 2; EGF-response factor 2; Protein TIS11D
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	51,063 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (43449541..43453745, complement). Location: 2p22.3-p21
OMIM	612053
3D Structure	ModBase 3D Structure for P47974
Immunogen	ZFP36L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-193 amino acids from the Central region of human ZFP36L2.
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-ZFP36L2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-ZFP36L2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ZFP36L2 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ZFP36L2 antibody	This gene is a member of the TIS11 family of early response genes. Family members are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. The encoded protein contains a distinguishing putative zinc finger domain with a repeating cys-his motif. This putative nuclear transcription factor most likely functions in regulating the response to growth factors.
Product References and Citations for anti-ZFP36L2 antibody	Morgan, B.R., et al. Protein Sci. 19(6):1222-1234(2010). Jackson, R.S. II, et al. Cell Cycle 5(24):2889-2893(2006). Hudson, B.P., et al. Nat. Struct. Mol. Biol. 11(3):257-264(2004). Blackshear, P.J., et al. Prog. Nucleic Acid Res. Mol. Biol. 75, 43-68 (2003): Ino, T., et al. Oncogene 11(12):2705-2710(1995).

Other Notes	Small volumes of anti-ZFP36L2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ZFP36L2 purchase	MBS6365154 is an antibody targeting ZFP36L2. Also known as ZFP36L2, ID (ZFP36L2, BRF2, ERF2, RNF162C, TIS11D, Zinc finger protein 36, C3H1 type-like 2, Butyrate response factor 2, EGF-response factor 2, Protein TIS11D) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-ZFP36L2 antibody
ZFP36L2 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the ZFP36L2 antibody detected the ZFP36L2 protein (arrow).



Western Blot (WB) of anti-ZFP36L2 antibody
ZFP36L2 Antibody (Center) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the ZFP36L2 antibody detected the ZFP36L2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZFP36L2. It may not necessarily be applicable to this product.

NCBI GI #	15812178
NCBI GeneID	678
NCBI Accession #	NP_008818.3
UniProt Primary Accession #	P47974
UniProt Secondary Accession #	Q53TB4; Q9BSJ3
UniProt Related Accession #	P47974
GenBank Nucleotide #	NM_006887.4
NCBI Official Full Name	zinc finger protein 36, C3H1 type-like 2
NCBI Official Synonym Full Names	ZFP36 ring finger protein-like 2
NCBI Official Symbol	ZFP36L2
NCBI Official Synonym Symbols	BRF2; ERF2; ERF-2; TIS11D; RNF162C
UniProt Protein Name	Zinc finger protein 36, C3H1 type-like 2
UniProt Synonym Protein Names	Butyrate response factor 2; EGF-response factor 2; ERF-2; Protein TIS11D
Protein Family	mRNA decay activator protein
UniProt Gene Name	ZFP36L2
UniProt Synonym Gene Names	BRF2; ERF2; RNF162C; TIS11D; ZFP36-like 2; ERF-2
UniProt Entry Name	TISD_HUMAN
NCBI Protein Information	zinc finger protein 36, C3H1 type-like 2; ZFP36-like 2; EGF-response factor 2; butyrate response factor 2; zinc finger protein 36, C3H type-like 1; zinc finger protein 36, C3H type-like 2; zinc finger protein, C3H type, 36-like 2

UniProt Comments for ZFP36L2	ZFP36L2: Probable regulatory protein involved in regulating the response to growth factors. RNA-binding protein that binds to 5'UUAUUUAUUU-3' core sequence. Binds to the class II AU-rich element (ARE) in the 3'-UTR of target mRNAs and promotes their deadenylation and degradation. Protein type: Transcription factor Chromosomal Location of Human Ortholog: 2p22.3-p21 Cellular Component: cytoplasm; nucleus Molecular Function: DNA binding; metal ion binding; AU-rich element binding; transcription factor activity Biological Process: cell proliferation; regulation of transcription, DNA-dependent; somatic stem cell maintenance; mRNA catabolic process; T cell differentiation in the thymus; somatic stem cell division; hemopoiesis; regulation of mRNA stability; mRNA catabolic process, deadenylation-dependent decay
Research Articles on ZFP36L2	**1.** The roles of TTP and BRF proteins in regulated mRNA decay.
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