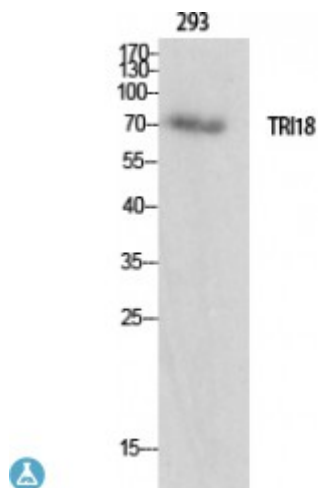


Anti-Midline-1 antibody



Description	Rabbit polyclonal to Midline-1.
Model	STJ94125
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human Midline-1
Immunogen Region	40-120 aa, N-terminal
Gene ID	4281
Gene Symbol	MID1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	Midline-1 Polyclonal Antibody detects endogenous levels of Midline-1 protein.
Tissue Specificity	In the fetus, highest expression found in kidney, followed by brain and lung. Expressed at low levels in fetal liver. In the adult, most abundant in heart, placenta and brain.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase Midline-1 Midin Putative transcription factor XPRF RING finger protein 59 RING finger protein Midline-1 RING-type E3 ubiquitin transferase Midline-1 Tripartite motif-containing protein 18

Molecular Weight	75 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7095OMIM:300000
Alternative Names	E3 ubiquitin-protein ligase Midline-1 Midin Putative transcription factor XPRF RING finger protein 59 RING finger protein Midline-1 RING-type E3 ubiquitin transferase Midline-1 Tripartite motif-containing protein 18
Function	Has E3 ubiquitin ligase activity towards IGBP1, promoting its monoubiquitination, which results in deprotection of the catalytic subunit of protein phosphatase PP2A, and its subsequent degradation by polyubiquitination.
Cellular Localization	Cytoplasm Cytoplasm, cytoskeleton Cytoplasm, cytoskeleton, spindle. Microtubule-associated. It is associated with microtubules throughout the cell cycle, co-localizing with cytoplasmic fibers in interphase and with the mitotic spindle and midbodies during mitosis and cytokinesis.
Post-translational Modifications	Phosphorylated on serine and threonine residues.