

Mouse TulP3 Monoclonal Antibody | anti-TulP3 antibody

TulP3 antibody

CATALOG # AAA107151	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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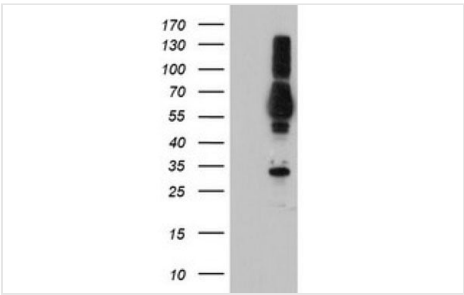
PRODUCT SYNONYMS

TulP3; Monoclonal Antibody; TulP3 antibody; Monoclonal TulP3; Anti-TulP3; Tubby like protein 3; TUBL3; MGC45295; TulP 3; TulP-3; anti-TulP3 antibody

PRODUCT SPECIFICATIONS

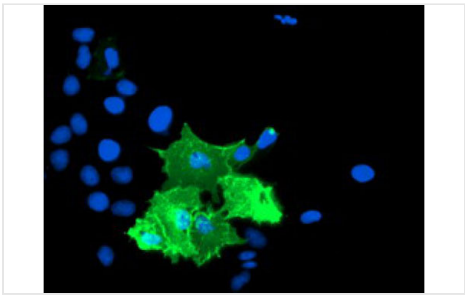
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6H4
Purity/Purification	TulP3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	442
Applicable Applications for anti-TulP3 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	TulP3 is a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate binding region. The encoded protein binds to phosphoinositides in the plasma membrane via its C-terminal region and probably functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis, for instance, induced by G-protein-coupled-receptor signaling. It plays an important role in neuronal development and function.
Cross-Reactivity	Human
Immunogen	TulP3 antibody was raised in mouse using a full length recombinant protein of human TulP3 (NP_003315) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant Tulp3 protein (Right) or empty vector (Left) detected with Tulp3 antibody



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant Tulp3 protein using Tulp3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-Tulp3 antibody	Mouse monoclonal Tulp3 antibody
Product Categories/Family for anti-Tulp3 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536436
NCBI GeneID	7289
NCBI Accession #	NP_003315
NCBI GenBank Nucleotide #	NM_003324.4
UniProt Accession #	O75386; Q8N5B0; B3KNB7; B7Z6A2; D3DUQ4; F8WBZ9
Molecular Weight	19,273 Da
NCBI Official Full Name	tubby-related protein 3 isoform 1
NCBI Official Synonym Full Names	tubby like protein 3
NCBI Official Symbol	TULP3
NCBI Official Synonym Symbols	TUBL3
NCBI Protein Information	tubby-related protein 3
UniProt Protein Name	Tubby-related protein 3
UniProt Gene Name	TULP3
UniProt Synonym Gene Names	TUBL3
UniProt Entry Name	TULP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.