

MAP7D2 Rabbit pAb

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Catalog # AP57209

Product Information

Application	WB
Primary Accession	Q96T17
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81965
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAP7D2
Epitope Specificity	631-732/732
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	256714
Other Names	MAP7 domain-containing protein 2, MAP7D2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

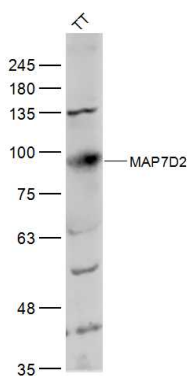
Name	MAP7D2
Function	Microtubule-stabilizing protein that plays a role in the control of cell motility and neurite outgrowth via direct binding to the microtubule (By similarity). Acts as a critical cofactor for kinesin transport. In the proximal axon, regulates kinesin-1 family members, KIF5A, KIF5B and KIF5C recruitment to microtubules and contributes to kinesin-1-mediated transport in the axons (By similarity).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

{ECO:0000250|UniProtKB:A2AG50}. Midbody
{ECO:0000250|UniProtKB:A2AG50}. Cytoplasm, cytoskeleton
{ECO:0000250|UniProtKB:A2AG50}. Cell projection, neuron projection
{ECO:0000250|UniProtKB:A2AG50}. Cell projection, axon. Note=Strongly localizes to the centrosome and partially on microtubule. During cytokinesis, accumulates at the midbody (By similarity). Accumulates to the proximal part of the axon (PubMed:30784582). {ECO:0000250|UniProtKB:A2AG50, ECO:0000269|PubMed:30784582}

Background

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Images



Sample:

TT(Human) Cell Lysate at 30 ug

Primary: Anti-MAP7D2 (AP57209) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 86 kD

Observed band size: 86 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.