

# DENN Rabbit mAb

Catalog # AP76466

## Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	<a href="#">Q8WXG6</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	183303

## Additional Information

Gene ID	8567
Other Names	MADD
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

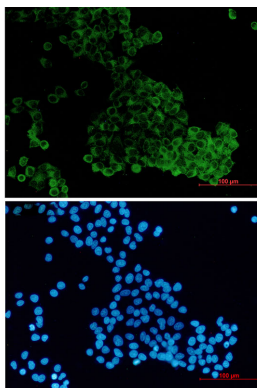
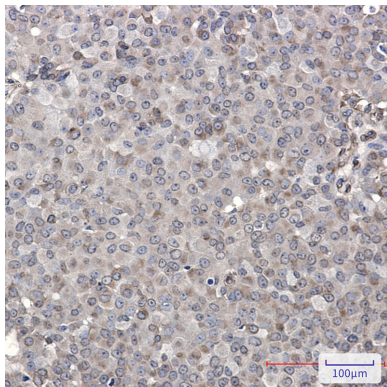
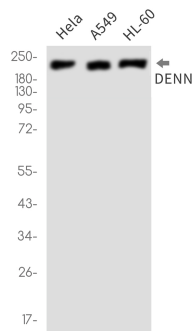
## Protein Information

Name	MADD {ECO:0000312 EMBL:AAB57735.1, ECO:0000312 HGNC:HGNC:6766}
Function	<p>Guanyl-nucleotide exchange factor that regulates small GTPases of the Rab family (PubMed:<a href="#">18559336</a>, PubMed:<a href="#">20937701</a>). Converts GDP-bound inactive form of RAB27A and RAB27B to the GTP-bound active forms (PubMed:<a href="#">18559336</a>, PubMed:<a href="#">20937701</a>). Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms, GTPases involved in synaptic vesicle exocytosis and vesicle secretion (By similarity). Plays a role in synaptic vesicle formation and in vesicle trafficking at the neuromuscular junction (By similarity). Involved in up-regulating a post-docking step of synaptic exocytosis in central synapses (By similarity). Probably by binding to the motor proteins KIF1B and KIF1A, mediates motor-dependent transport of GTP-RAB3A- positive vesicles to the presynaptic nerve terminals (By similarity). Plays a role in TNFA-mediated activation of the MAPK pathway, including ERK1/2 (PubMed:<a href="#">32761064</a>). May link TNFRSF1A with MAP kinase activation (PubMed:<a href="#">9115275</a>). May be involved in the regulation of TNFA-induced apoptosis (PubMed:<a href="#">11577081</a>, PubMed:<a href="#">32761064</a>).</p>
Cellular Location	Cell membrane. Cytoplasm. Cell projection, axon

## Tissue Location

Expressed in testis, ovary, brain and heart (PubMed:8988362). Expressed in spleen, thymus, prostate, testis, ovary, small intestine and colon (PubMed:9115275). Expressed in liver (PubMed:9796103). [Isoform 2]: Expressed in the brain, breast, kidney, lung, ovary, pancreas, testis, uterus, stomach and thyroid [Isoform 4]: Expressed in the brain, breast, kidney, lung, ovary, pancreas, testis, uterus, stomach and thyroid [Isoform 6]: Not detected in the brain, breast, kidney, lung, ovary, pancreas, testis, uterus, stomach and thyroid

## Images



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