Anti-DENN Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014810

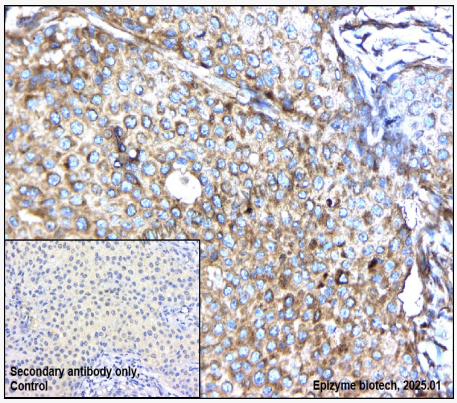
Product Information

Application	ELISA, WB, IHC-P/IF (Tissue-P)
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	26C81C46
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human DENN
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-DENN Rabbit mAb [26C81C46] is for research use only and not for use in diagnostic or therapeutic procedures.

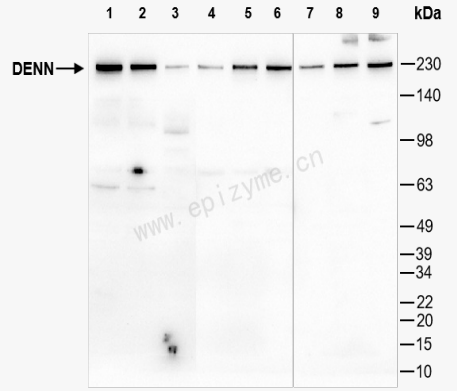
Protein Information

Synonyms	Differentially expressed in normal and neoplastic cells, FLJ35600, IG20, Insulinoma glucagonoma clone 20, KIAA0358, MADD, MADD_HUMAN, MAP kinase-activating death domain protein, Rab3 GDP/GTP exchange factor, RAB3GEP.
Calculated MW	Calculated MW: 183 kDa; Observed MW: 230 kDa
Uniprot ID	Q8WXG6
Gene ID	8567
Background	Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008]
Cellular Location	Membrane.
Tissue Location	Highly expressed in fetal brain and kidney; adult testis, ovary, brain and heart. Isoform 5 is constitutively expressed in all tissues. Isoform 7 is expressed in fetal liver and in several cancer cell lines.

Validation Images



Immunohistochemistry - Anti-DENN Rabbit mAb [26C81C46]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014810 at 1:100 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Western Blot - Anti-DENN Rabbit mAb [26C81C46]
All lanes: R014810 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: MCF-7 (Human breast adenocarcinoma epithelial cell) whole cell lysates
Lane 5: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates
Lane 6: 293T (Human embryonic kidney cell) whole cell lysates
Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 8: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane 9: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 183 kDa
Observed band size: 230 kDa
Developed using the ECL technique (Cat. No. SQ201).