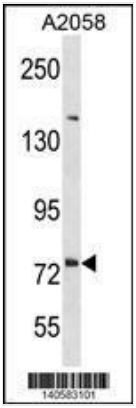
DNER Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DNER, Polyclonal Antibody
Full Product Name	DNER, CT (DNER, BET, Delta and Notch-like epidermal growth factor-related receptor)
Product Gene Name	anti-DNER antibody
Product Synonym Names	Anti -DNER, CT (DNER, BET, Delta and Notch-like epidermal growth factor-related receptor)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	78,475 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (230222345..230579286, complement). Location: 2q36.3
OMIM	607299
3D Structure	ModBase 3D Structure for Q8NFT8
Immunogen	DNER antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 708-736 amino acids from the C-terminal region of human DNER.
Product Categories/Family for anti-DNER antibody	Antibodies; Abs to Notch Proteins
Applications Tested/Suitable for anti-DNER antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-DNER antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-DNER antibody	Activator of the NOTCH1 pathway. May mediate neuron-glia interaction during astrocytogenesis (By similarity).
Other Notes	Small volumes of anti-DNER antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DNER purchase	MBS6011966 is an antibody targeting DNER. Also known as DNER, CT (DNER, BET, Delta and Notch-like epidermal growth factor-related receptor). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-DNER antibody
DNER Antibody (C-term) western blot analysis in A2058 cell line lysates (35ug/lane).This demonstrates the DNER antibody detected the DNER protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNER. It may not necessarily be applicable to this product.

NCBI GI #	116235485
NCBI GeneID	92737
NCBI Accession #	NP_620711.3
UniProt Primary Accession #	Q8NFT8
UniProt Secondary Accession #	Q53R88; Q53TP7; Q53TQ5; Q8IYT0; Q8TB42; Q9NTF1; Q9UDM2; A6NP39
UniProt Related Accession #	Q8NFT8
GenBank Nucleotide #	NM_139072.3
NCBI Official Full Name	delta and Notch-like epidermal growth factor-related receptor
NCBI Official Synonym Full Names	delta/notch-like EGF repeat containing
NCBI Official Symbol	DNER
NCBI Official Synonym Symbols	bet; UNQ26
UniProt Protein Name	Delta and Notch-like epidermal growth factor-related receptor
Protein Family	Delta and Notch-like epidermal growth factor-related receptor
UniProt Gene Name	DNER
UniProt Synonym Gene Names	BET
UniProt Entry Name	DNER_HUMAN
NCBI Protein Information	delta and Notch-like epidermal growth factor-related receptor; H_NH0150O02.1; WUGSC:H_NH0150O02.1; delta-notch-like EGF repeat-containing transmembrane

UniProt Comments for DNER	DNER: Activator of the NOTCH1 pathway. May mediate neuron-glia interaction during astrocytogenesis. Protein type: Membrane protein, integral; Receptor, misc. Chromosomal Location of Human Ortholog: 2q36.3 Cellular Component: cell soma; early endosome; dendrite; plasma membrane; integral to membrane Molecular Function: protein binding; clathrin binding; transmembrane receptor activity; calcium ion binding; Notch binding Biological Process: Notch signaling pathway; central nervous system development; glial cell differentiation; synaptogenesis; neuron migration; skeletal muscle fiber development; Notch receptor processing; endocytosis
Research Articles on DNER	**1.** Our data suggest that clathrin-independent endocytosis is critical for the polarized targeting of somatodendritic proteins(DNER).
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