



[Go to Product page](#)

Datasheet for ABIN7266727
anti-DNER antibody (AA 140-240)

2 Images

Overview

Quantity:	100 µL
Target:	DNER
Binding Specificity:	AA 140-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNER antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	DNER Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 140-240 of human DNER (NP_620711.3).
Sequence:	PATGWTESMA PRQLQPVPAT QEPDKILPRS QATVTLPTWQ PKTGQKVVEM KWDQVEVIPD IACGNASSNS SAGGRLVSFE VPQNTSVKIR QDATASLILL W
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

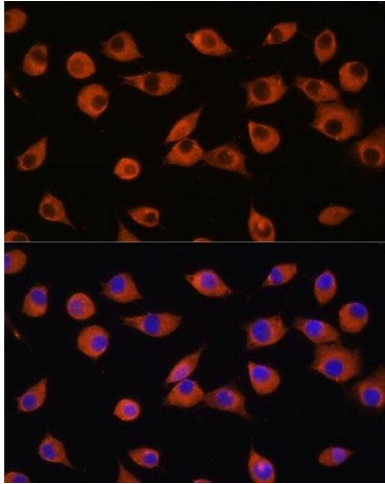
Target:	DNER
Alternative Name:	DNER (DNER Products)
Background:	DNER (Delta/Notch-like EGF-related receptor), also known as BET (brain-specific EGF-like transmembrane protein), is a type I transmembrane glycoprotein of the Notch/Delta family . In the mouse, DNER has been detected as 90, 120 and 150 kDa forms which are probably variably glycosylated .Activator of the NOTCH1 pathway. May mediate neuron-glia interaction during astrocytogenesis.DNER associates with protein tyrosine phosphatase zeta (PTP zeta), which is the receptor of pleiotrophin (PTN). PTP zeta -PTN-DNER signaling has been implicated in the regulation of neuritogenesis. Expression of DNER in glioblastoma stem-like cells inhibits formation of neurospheres in vitro, while in vivo it induces differentiation and inhibits growth of xenografts, thus acting as a tumor suppressor.,DNER,UNQ26,bet,Neuroscience,Stem Cells,DNER
Molecular Weight:	78kDa
Gene ID:	92737
UniProt:	Q8NFT8
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:200 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

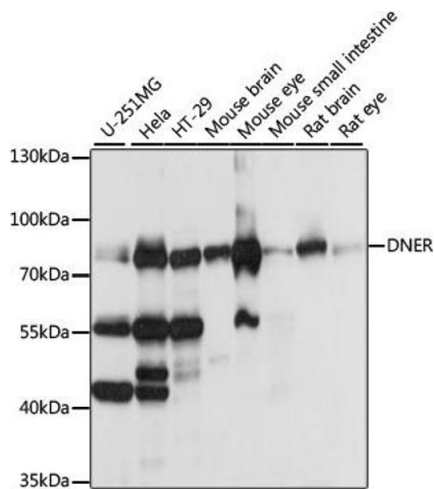
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using DNER antibody (ABIN7266727) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DNER antibody (ABIN7266727) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.