

## Product datasheet for **TA375549**

### DNER Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:200 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 140-240 of human DNER (NP_620711.3).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	78kDa
Gene Name:	delta/notch like EGF repeat containing
Database Link:	<a href="#">Entrez Gene 92737 Human Q8NFT8</a>



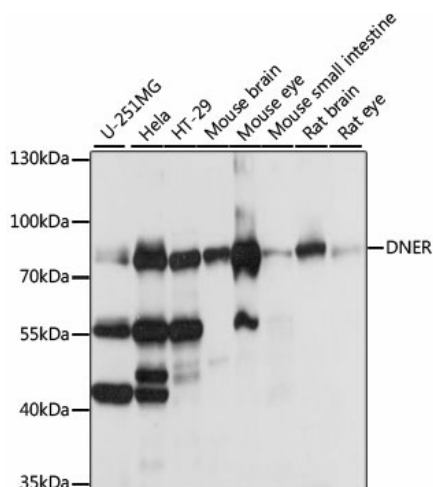
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**Background:**

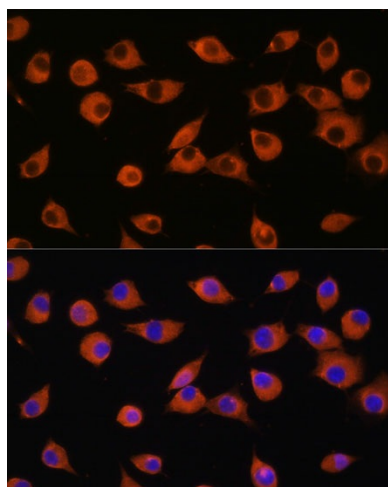
DNER (Delta/Notch-like EGF-related receptor), also known as BET (brain-specific EGF-like transmembrane protein), is a type I transmembrane glycoprotein of the Notch/Delta family . In the mouse, DNER has been detected as 90, 120 and 150 kDa forms which are probably variably glycosylated .Activator of 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.

**Synonyms:**

bet; H\_NH0150002.1; UNQ26; WUGSC:H\_NH0150002.1

**Product images:**


Western blot analysis of extracts of various cell lines, using DNER antibody (TA375549) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 10s.



Immunofluorescence analysis of L929 cells using DNER antibody (TA375549) at dilution of 1:100. Blue: DAPI for nuclear staining.