

Rabbit anti-Human Engrailed 1 Monoclonal Antibody | anti-EN1 antibody

Engrailed 1 Rabbit mAb

CATALOG # AAA282785	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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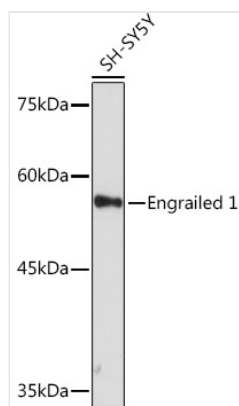
PRODUCT SYNONYMS

Engrailed 1; Monoclonal Antibody; Engrailed 1 Rabbit mAb; ENDOVESLB; anti-EN1 antibody

PRODUCT SPECIFICATIONS

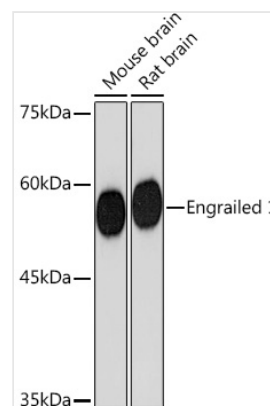
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KLKKKKNEKE DKRPRTAFTA EQLQRLKAEF QANRYITEQR RQTLAQELSL NESQIKIWFQ NKRAKIKKAT GIKNGLALHL MAQGLYNHST TTVQDKDESE
Applicable Applications for anti-EN1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 293-392 of human Engrailed 1 (Q05925).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from SH-SY5Y cells, using Engrailed 1 Rabbit mAb (AAA282785) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates using Engrailed 1 Rabbit mAb (AAA282785) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-EN1 antibody	Homeobox-containing genes are thought to have a role in controlling development. In Drosophila, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during development of the central nervous system.
Product Categories/Family for anti-EN1 antibody	Epigenetics nuclear signaling; Transcription factors; Cell biology developmental biology; Neuroscience; Stem cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	126090909
NCBI GeneID	2019
NCBI Accession #	NP_001417.3
NCBI GenBank Nucleotide #	NM_001426.3
UniProt Accession #	Q05925; Q4ZG44
Molecular Weight	Calculated MW: 40kDa Observed MW: 50kDa
UniProt Protein Name	Homeobox protein engrailed-1
UniProt Gene Name	EN1
UniProt Synonym Gene Names	Homeobox protein en-1; Hu-En-1
UniProt Entry Name	HME1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/engrailed-1-antibody-western-blot-elisa/282785>