Leader in Biomolecular Solutions for Life Science

Engrailed 1 Rabbit pAb

Catalog No.: A23060

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Basic Information

Observed MW
50 kDa

Calculated MW
40 kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, ELISA

Cross Reactivity
Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB	1:1000 - 1:2000
IF/ICC	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
2019

Swiss-Prot
Q05925

Immunogen
This information is considered to be commercially sensitive.

Synonyms
ENDOVESLB; Engrailed 1

Contact

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Product Information

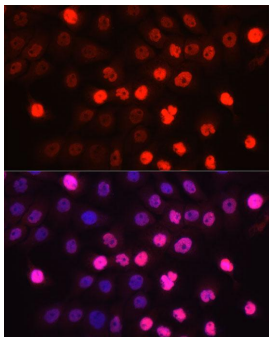
Source
Rabbit

Isotype
IgG

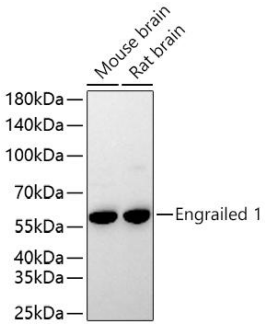
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Immunofluorescence analysis of A-431 cells using Engrailed 1 Rabbit pAb (A23060) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using Engrailed 1 Rabbit pAb (A23060) at 1: 1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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: 90 s.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.