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EN1 (Engrailed 1) Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP7278c

Specification

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - Product Information

Primary Accession Q05925

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - Additional Information

Gene ID 2019

Other Names
Homeobox protein engrailed-1, Homeobox protein en-1, Hu-En-1, EN1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7278c was selected from the Center region of human EN1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - Protein Information

Name EN1

Function
Required for proper formation of the apical ectodermal ridge and correct dorsal-ventral patterning in the limb.

Cellular Location
Nucleus.

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - Images

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - 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.

EN1 (Engrailed 1) Antibody (Center) Blocking peptide - References

Bachar-Dahan,L., Mol. Biol. Cell 17 (6), 2572-2580 (2006)Kohler,A., Genomics 15 (1), 233-235 (1993)