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EN2 Antibody (C-term-2)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7457D

Specification

EN2 Antibody (C-term-2) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P19622
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**34211**
Antigen Region	**243-271**

EN2 Antibody (C-term-2) - Additional Information

Gene ID 2020

Other Names
Homeobox protein engrailed-2, Homeobox protein en-2, Hu-En-2, EN2

Target/Specificity
This EN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the C-terminal region of human EN2.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
EN2 Antibody (C-term-2) is for research use only and not for use in diagnostic or therapeutic procedures.

EN2 Antibody (C-term-2) - Protein Information

Name EN2

Cellular Location

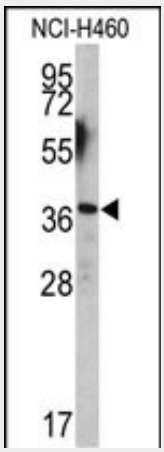
Nucleus.

EN2 Antibody (C-term-2) - Protocols

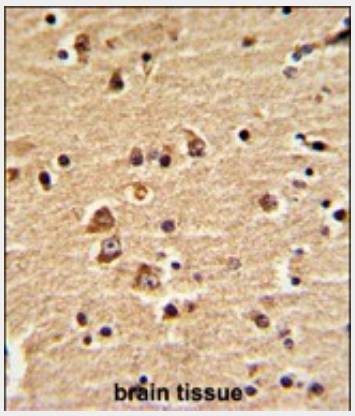
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

EN2 Antibody (C-term-2) - Images

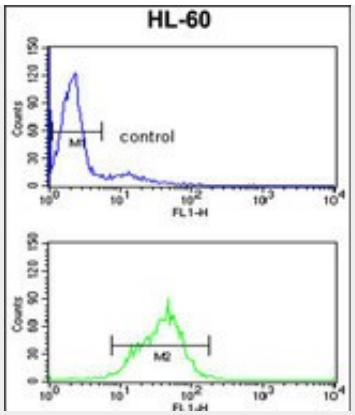


Western blot analysis of EN2 antibody (C-term-2) (Cat.# AP7457d) in NCI-H460 cell line lysates (35ug/lane). EN2 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain with EN2 Antibody (C-term-2), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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EN2 Antibody (C-term-2) (Cat. #AP7457d) flow cytometry analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

EN2 Antibody (C-term-2) - Background

EN2 is thought to have a role in controlling development. In Drosophila, the protein 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. This protein has been implicated in the control of pattern formation during development of the central nervous system.

EN2 Antibody (C-term-2) - References

Poole S.J., Law M.L.Genomics 4:225-231(1989)
Benayed R., Gharani N.Am. J. Hum. Genet. 77:851-868(2005)