

EN2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7457a**Specification**

EN2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P19622](#)**EN2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2020**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7457a](/products/AP7457a) was selected from the N-term region of human EN2. 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.

EN2 Antibody (N-term) Blocking Peptide - Protein Information**Name** EN2**Cellular Location**

Nucleus.

EN2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EN2 Antibody (N-term) Blocking Peptide - Images**EN2 Antibody (N-term) Blocking Peptide - 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 (N-term) Blocking Peptide - References

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