

Anti-EPN3 Antibody

Rabbit polyclonal antibody to EPN3 Catalog # AP60458

Specification

Anti-EPN3 Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

O9H201 Human, Mouse, Rat Rabbit Polyclonal 68222

WB, IHC

Anti-EPN3 Antibody - Additional Information

Gene ID 55040

Other Names

Epsin-3; EPS-15-interacting protein 3

Target/Specificity

Recognizes endogenous levels of EPN3 protein.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200) IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-EPN3 Antibody - Protein Information

Name EPN3

Cellular Location

Cytoplasm. Cytoplasm, perinuclear region Cytoplasmic vesicle, clathrin-coated vesicle. Nucleus Note=Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the cell periphery. May shuttle to the nucleus

Tissue Location

Detected in migrating keratinocytes from wounded skin, but not in differentiating keratinocytes or in normal skin Detected in chronic wounds, basal cell carcinoma and ulcerative colitis.

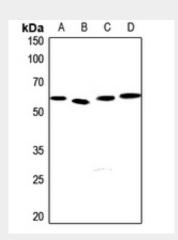


Anti-EPN3 Antibody - Protocols

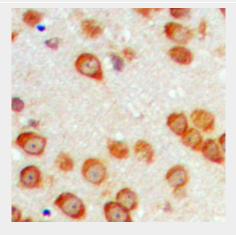
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescen</u>ce
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-EPN3 Antibody - Images



Western blot analysis of EPN3 expression in HEK293T (A), H446 (B), mouse testis (C), rat testis (D) whole cell lysates.



Immunohistochemical analysis of EPN3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-EPN3 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPN3. The exact sequence is proprietary.