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Product datasheet for AP06105PU-N

Ephrin B3 (EFNB3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**Western blot**: 1/500-1/1000. **Immunohistochemistry on Paraffin Sections:** 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 220-272of Human Ephrin-B3.
Specificity:	This antibody detects endogenous levels of Ephrin-B3 protein. (region surrounding Trp251)
Formulation:	Phosphate buffered saline (PBS), pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~36 kDa
Gene Name:	ephrin B3
Database Link:	Entrez Gene 1949 Human Q15768

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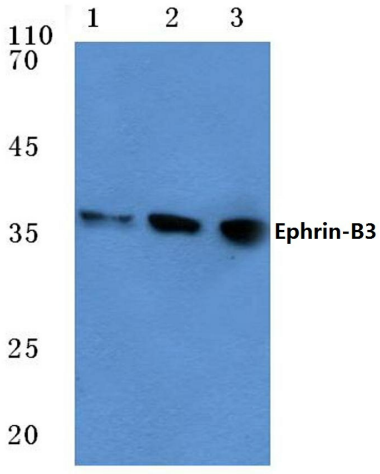
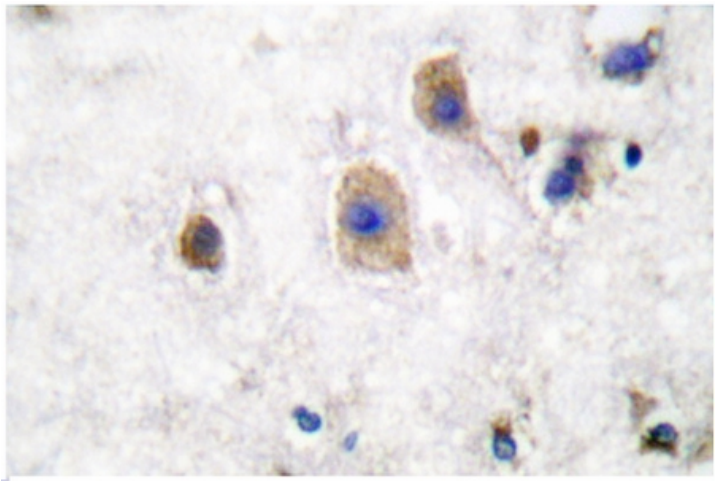
Background: Ephrins are the ligands which bind to the Eph receptor subfamily, the largest group of the receptor tyrosine kinase family. Both ephrins and Eph receptors are broadly expressed throughout the ectoderm, mesoderm, and endoderm of vertebrate embryos. Two classes of ephrins exist: Class A ephrins are tethered to the membrane by a GPI linkage and bind primarily to EphA receptors; Class B ephrins contain a membrane-spanning region and bind predominantly to EphB receptors.

Synonyms: LERK-8, ELK-L3, EPLG8, LERK8, EFNB3

Product images:



Western blot (WB) analysis of Ephrin-B3 antibody at 1/500 dilution Lane 1:HepG2 whole cell lysate treated with colchicine Lane 2:Mouse liver tissue lysate Lane 3:Rat liver tissue lysate



Immunohistochemistry analyzes of Ephrin-B3 antibody in paraffin-embedded human brain tissue.