Anti- Ephrin B1/B2/B3 (Phospho-Tyr324) Polyclonal Antibody

Catalog No.	Size
A100317-01	50 µl
A100317-02	100 µl

Specificity	Anti- Ephrin B1/B2/B3 (Phospho-Tyr324) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P98172/P52799/Q15768

Other Names: CEK5 ligand; CEK5 receptor ligand; CEK5-L; CEL5-L; EFL-3; EFNB1; ELK ligand; ELK-L; EPH-related receptor tyrosine kinase ligand 2; Ephrin-B1 precursor; EPL2; EPLG2; kinase ephrin-B1; LERK-2; LERK2; STRA1; STRA1 protein

Specificity and Sensitivity

Ephrin B1/B2/B3 (Phospho-Tyr324) antibody detects endogenous levels of Ephrin B1/B2/B3 only when phosphorylated at tyrosine 324.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Ephrin B1/B2/B3 around the phosphorylation site of tyrosine 324 (G-D-Y^P-G-H).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:20000

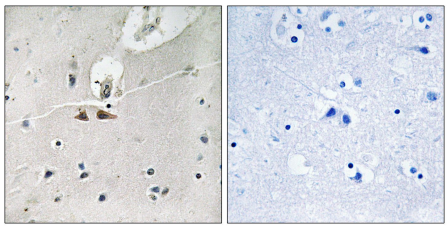
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

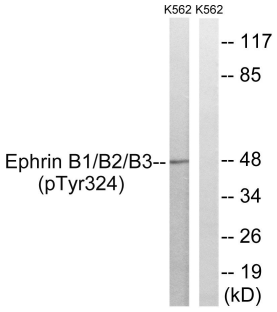
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Ephrin B1/B2/B3 (Phospho-Tyr324) antibody.



Serum + +

P-peptide - +

Western blot analysis of extracts from K562 cells, treated with serum (20%, 15mins), using Ephrin B1/B2/B3 (Phospho-Tyr324) antibody.