# EFNB3 Antibody

**PACO23104**

## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:3000, IHC:1:50-1:100

**Protein Background:**

Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. May play a pivotal role in forebrain function. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons By similarity.

**Gene ID:**

EFNB3

**Uniprot**

Q15768

**Synonyms:**

EFL6; EPLG8; LERK8; Ephrin B3; LIGAND OF EPH-RELATED KINASE 8
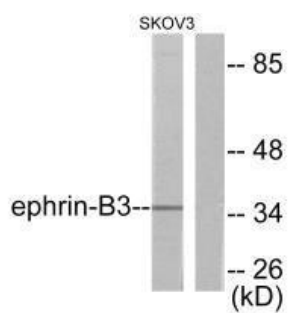
**Immunogen:**

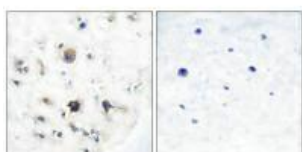Synthesized peptide derived from human Ephrin-B3.

**Storage:**

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

# Product Images



Western blot analysis of extracts from SKOV3 cells, using Ephrin-B3 antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue using Ephrin-B3 antibody.