

Cleaved-Ephrin-A2 (N188) rabbit pAb

Cat#: orb763912 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	Cleaved-Ephrin-A2 (N188) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human EFNA2. AA range:139-188
Specificity	Cleaved-Ephrin-A2 (N188) Polyclonal Antibody detects endogenous levels of fragment of activated Ephrin-A2 protein resulting from cleavage adjacent to N188.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ephrin-A2
Gene Name	EFNA2
Cellular localization	Cell membrane ; Lipid-anchor, GPI-anchor .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

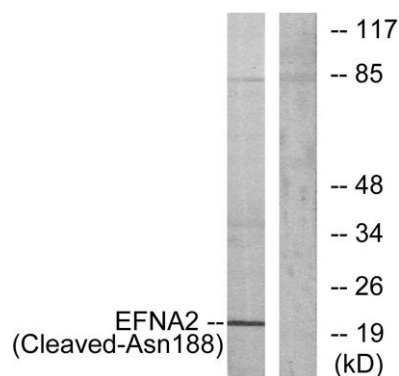
Concentration	1 mg/ml
Observed band	21kD
Human Gene ID	1943
Human Swiss-Prot Number	O43921
Alternative Names	EFNA2; EPLG6; LERK6; Ephrin-A2; EPH-related receptor tyrosine kinase ligand 6; LERK-6; HEK7 ligand; HEK7-L

Background

This gene encodes a member of the ephrin family. The protein is composed of a signal sequence, a receptor-binding region, a spacer region, and a hydrophobic region. The EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. Posttranslational modifications determine whether this protein localizes to the nucleus or the cytoplasm. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using Cleaved-Ephrin-A2 (N188) Polyclonal Antibody



Western blot analysis of lysates from 293 cells, treated with etoposide 25uM 1h, using EFNA2 (Cleaved-Asn188) Antibody. The lane on the right is blocked with the synthesized peptide.