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Product datasheet for TA354513

Ephrin A4 (EFNA4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant full length (1-201aa) human Ephrin-A4 protein expressed in E.coli.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	22 kDa
Gene Name:	ephrin A4
Database Link:	NP_005218 Entrez Gene 1945 Human P52798
Background:	Ephrin-A4 is also known as LERK-4 or ELF-4. Ephrin-A4 binds EphA2, EphA3, EphA4, EphA5, EphA6, EphA7, and EphB1. To date, at least 14 members of the Eph receptor family and a family of 8 ligands have been identified. Ligands of Eph family receptors are structurally related membrane-bound proteins that can be subdivided into two major subclasses: ephrin-A and ephrin-B. Ligands in the ephrin-A subclass, including the prototype family member ephrin-A1 (B61), are membrane associated through glycosylphosphatidyl-inositollinkages; whereas ephrin-B subclass consists of ligands with transmembrane domains.
Synonyms:	EFL4; EPLG4; LERK4
Protein Families:	Secreted Protein

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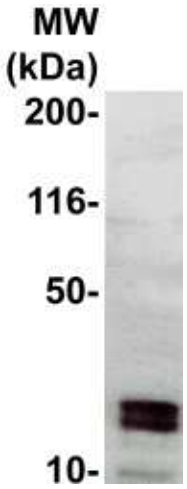
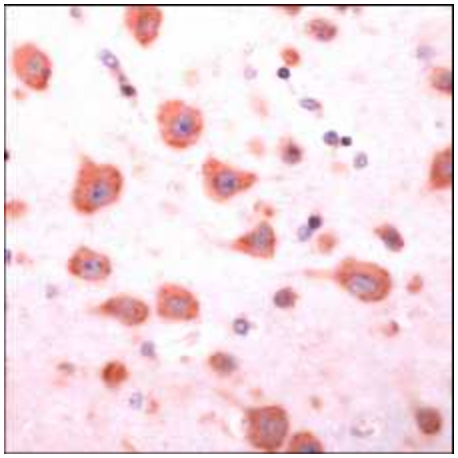
Protein Pathways: Axon guidance

Product images:



WB: The full length recombinant protein was immunoblotted by the Rabbit anti-CD Ephrin-A4 antibody at 1:500. An immunoreactive band around 22 kDa was observed.



IHC: Human brain tissue stained with Rabbit anti-EphrinA4 antibody at 1:50 for 30 min, RT. (Staining of formalin-fixed tissues requires boiling tissue section in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.