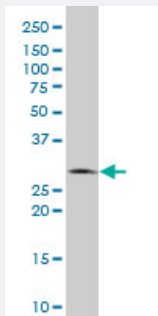


EFNA5 polyclonal antibody (A01)

Catalog # H00001946-A01

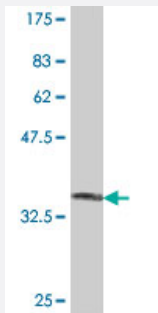
Size 50 uL

Applications



Western Blot (Cell lysate)

EFNA5 polyclonal antibody (A01), Lot # 051128JC01 Western Blot analysis of EFNA5 expression in U-2 OS (Cat # L022V1).



Western Blot detection against Immunogen (36.01 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EFNA5.
Immunogen	EFNA5 (NP_001953, 114 a.a. ~ 203 a.a) partial recombinant protein with GST tag.
Sequence	FSEKFQLFTPFSLGFEFRPGREYFYISSAIPDNGRRSCLKLKVFRPTNSCMKTIGVHDRVFDVND KVENSLEPADDTVHESAEP SRGEN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.01 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EFNA5 polyclonal antibody (A01), Lot # 051128JC01 Western Blot analysis of EFNA5 expression in U-2 OS (Cat # L022V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EFNA5

Entrez GeneID

[1946](#)

GeneBank Accession#

[NM_001962](#)

Protein Accession#

[NP_001953](#)

Gene Name

EFNA5

Gene Alias

AF1, EFL5, EPLG7, GLC1M, LERK7, RAGS

Gene Description

ephrin-A5

Omim ID

[601535](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Ephrin-A5, a member of the ephrin gene family, prevents axon bundling in cocultures of cortical neurons with astrocytes, a model of late stage nervous system development and differentiation. 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. EPH receptors typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin ligands and receptors have been named by the Eph Nomenclature Committee (1997). 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. The Eph family of receptors are similarly divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. [provided by RefSeq]

Other Designations

eph-related receptor tyrosine kinase ligand 7

Publication Reference

- [EphrinA1 is released in three forms from cancer cells by matrix metalloproteases.](#)

Beauchamp A, Lively MO, Mintz A, Gibo D, Wykosky J, Debinski W.

Molecular and Cellular Biology 2012 Aug; 32(16):3253.

Application: WB-Ce, Human, U87 cells

Pathway

- [Axon guidance](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)