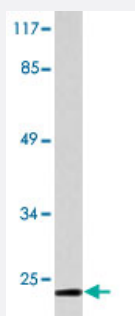


# EFNA2 polyclonal antibody

Catalog # PAB27147

Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with EFNA2 polyclonal antibody (Cat # PAB27147).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of EFNA2.
<b>Immunogen</b>	A synthetic peptide corresponding to human EFNA2.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	24
<b>Reactivity</b>	Human, Mouse
<b>Specificity</b>	EFNA2 polyclonal antibody detects endogenous levels of EFNA2 protein.
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with EFNA2 polyclonal antibody (Cat # PAB27147).

## Gene Info — EFNA2

**Entrez GeneID**[1943](#)**Protein Accession#**[O43921](#)**Gene Name**

EFNA2

**Gene Alias**

ELF-1, EPLG6, HEK7-L, LERK6

**Gene Description**

ephrin-A2

**Omim ID**[602756](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

**Other Designations**

HEK7-ligand|eph-related receptor tyrosine kinase ligand 6|ligand of eph-related kinase 6

## Pathway

- [Axon guidance](#)