# EFNA1 Rabbit pAb

**Catalog NO.: A5341** **1 Publications**

## Basic Information

### Observed MW
21-23kDa

### Calculated MW
24kDa

### Category
Polyclonal Antibodies

### Applications
WB, IHC-P, ELISA

### Cross-Reactivity
Human, Mouse

### Conjugation
Unconjugated

## Background

This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IHC-P** | 1:50 - 1:200 |

### ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID
1942

### Swiss Prot
P20827

### Immunogen
This information is considered to be commercially sensitive.

### Synonyms
B61; EFL1; GMAN; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4; EFNA1

## Contact

## Product Information

order@abclonal.com
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www.abclonal.com

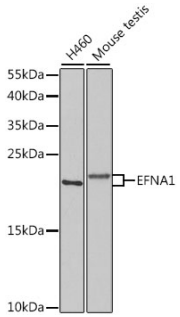
**Source**
Rabbit

**Isotype**
IgG

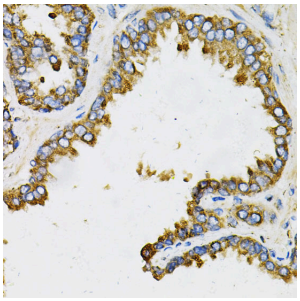
**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

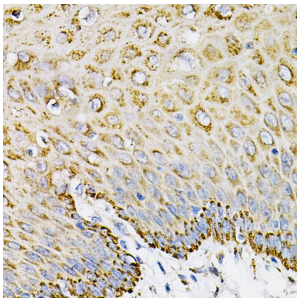
## Validation Data



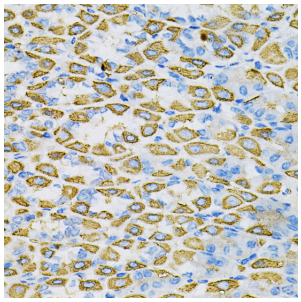

Western blot analysis of various lysates using EFNA1 Rabbit pAb (A5341) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Human prostate using EFNA1 Rabbit pAb (A5341) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human esophagus using EFNA1 Rabbit pAb (A5341) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse stomach using EFNA1 Rabbit pAb (A5341) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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