

Datasheet for ABIN1701111  
**anti-EPHA1 antibody (AA 51-150) (Biotin)**



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## Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | EPHA1                                                                                                                  |
| Binding Specificity: | AA 51-150                                                                                                              |
| Reactivity:          | Human                                                                                                                  |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This EPHA1 antibody is conjugated to Biotin                                                                            |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Ephrin A1 Receptor |
| Isotype:              | IgG                                                                    |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Pig,Horse,Rabbit                                   |
| Purification:         | Purified by Protein A.                                                 |

## Target Details

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| Target:     | EPHA1                                                                             |
| Abstract:   | <a href="#">EPHA1 Products</a>                                                    |
| Background: | Synonyms: EPHA1_HUMAN, Ephrin type-A receptor 1, hEpha1, EPH tyrosine kinase, EPH |

## Target Details

tyrosine kinase 1, Erythropoietin-producing hepatoma receptor, Tyrosine-protein kinase receptor EPH.

Background: This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis. [provided by RefSeq, Jul 2008].

Gene ID: 2041

UniProt: [P21709](#)

## Application Details

Application Notes: IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months