

Datasheet for ABIN1533658  
**anti-EPHA1 antibody (AA 541-590)**



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2 Images

## Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µL                                                |
| Target:              | EPHA1                                                 |
| Binding Specificity: | AA 541-590                                            |
| Reactivity:          | Human                                                 |
| Host:                | Rabbit                                                |
| Clonality:           | Polyclonal                                            |
| Conjugate:           | This EPHA1 antibody is un-conjugated                  |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

|               |                                                                                             |
|---------------|---------------------------------------------------------------------------------------------|
| Immunogen:    | The antiserum was produced against synthesized peptide derived from human EPHA1.            |
| Isotype:      | IgG                                                                                         |
| Specificity:  | EPHA1 Antibody detects endogenous levels of total EPHA1 protein.                            |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity:       | > 95 %                                                                                      |

## Target Details

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Target:           | EPHA1                                                                  |
| Alternative Name: | EPHA1 ( <a href="#">EPHA1 Products</a> )                               |
| Background:       | Synonyms: EPA1, EPH, EPHT, EPHT1, Tyrosine-protein kinase receptor EPH |

## Target Details

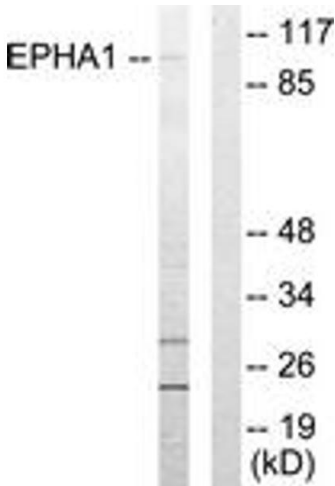
|                   |                         |
|-------------------|-------------------------|
|                   | NCBI Gene Symbol: EPHA1 |
| Molecular Weight: | 108 kDa                 |
| Gene ID:          | 2041                    |
| OMIM:             | 179610                  |
| UniProt:          | <a href="#">P21709</a>  |

## Application Details

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Application Notes: | WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000    |
| Comment:           | Unigene-Number: Hs.89839 (NCBI Gene Symbol: EPHA1) |
| Restrictions:      | For Research Use only                              |

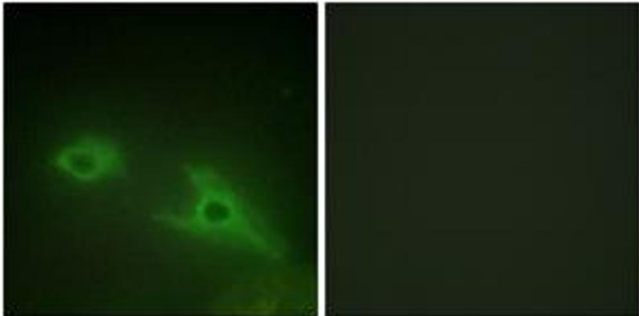
## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| Concentration:     | 1 mg/mL                                                                                                                                 |
| Buffer:            | phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative:      | Sodium azide                                                                                                                            |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Storage:           | -20 °C                                                                                                                                  |
| Storage Comment:   | Stable at -20°C for at least 1 year.                                                                                                    |
| Expiry Date:       | 12 months                                                                                                                               |



Western Blotting

**Image 1.** Western blot analysis of extracts from COLO205 cells, using EPHA1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cells, using EPHA1 Antibody. The picture on the right is treated with the synthesized peptide.