

## EphA2/3/4 Polyclonal Antibody

Cat #: ABP51272

Size: 30µl /100µl /200µl

### Product Information

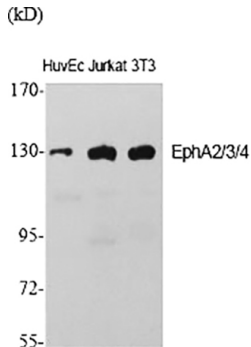
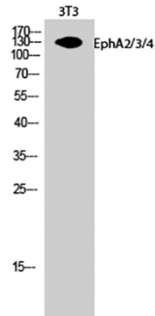
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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> EphA2/3/4 Polyclonal Antibody                   |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, IF, ELISA                                   |                                                                                   | <b>Isotype:</b> Rabbit IgG                |
|                                                                                   | <b>Reactivity:</b> Human, Rat                                        |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABP51272                                      | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                           |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles. |  | <b>Note:</b> Contain sodium azide.        |

**Background:** EPHA2 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. EPHA2 encodes a protein that binds ephrin-A ligands. Mutations in EPHA2 are the cause of certain genetically-related cataract disorders.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:40000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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|  <p>(kD)</p> <p>HuvEc Jurkat 3T3</p> <p>170—</p> <p>130— EphA2/3/4</p> <p>95—</p> <p>72—</p> <p>55—</p>                     | <p>Fig.1. Western Blot analysis of various cells using EphA2/3/4 Polyclonal Antibody.</p> |
|  <p>3T3</p> <p>170—</p> <p>130— EphA2/3/4</p> <p>100—</p> <p>70—</p> <p>55—</p> <p>40—</p> <p>35—</p> <p>25—</p> <p>15—</p> | <p>Fig.2. Western Blot analysis of 3T3 cells using EphA2/3/4 Polyclonal Antibody.</p>     |

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.