

## EphA2 (Phospho Ser897) Rabbit pAb

CatalogNo: YP1330 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 105kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human EphA2 (Ser897)

**Specificity** This antibody detects endogenous levels of Human Mouse EphA2 (phospho-Ser897)

### Target Information

**Gene name** EPHA2 ECK

**Protein Name**

EphA2 (Ser897)

Organism	Gene ID	UniProt ID
Human	<a href="#">1969</a> ;	<a href="#">P29317</a> ;
Mouse	<a href="#">13836</a> ;	<a href="#">Q03145</a> ;

**Cellular Localization**

Cell membrane ; Single-pass type I membrane protein . Cell projection , ruffle membrane ; Single-pass type I membrane protein . Cell projection , lamellipodium membrane ; Single-pass type I membrane protein . Cell junction , focal adhesion . Present at regions of cell-cell contacts but also at the leading edge of migrating cells (PubMed:19573808 , PubMed:20861311) . Relocates from the plasma membrane to the cytoplasmic and perinuclear regions in cancer cells (PubMed:18794797) . .

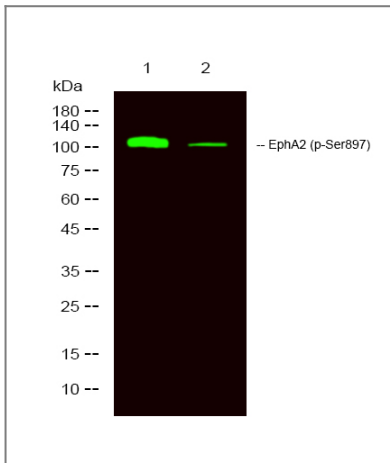
**Tissue specificity**

Expressed in brain and glioma tissue and glioma cell lines (at protein level) . Expressed most highly in tissues that contain a high proportion of epithelial cells , e.g. skin , intestine , lung , and ovary .

**Function**

Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. ,Function:Receptor for members of the ephrin-A family. Binds to ephrin-A1 , -A3 , -A4 and -A5. ,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. ,similarity:Contains 1 protein kinase domain. ,similarity:Contains 1 SAM (sterile alpha motif) domain. ,similarity:Contains 2 fibronectin type-III domains. ,subunit:Interacts with SLA (By similarity) . Interacts with INPPL1/SHIP2. ,tissue specificity:Expressed most highly in tissues that contain a high proportion of epithelial cells , e.g. , skin , intestine , lung , and ovary. ,

## Validation Data



Western Blot analysis of 1 HeLa, 2 treated with LPS 100ng/mL 20min, using primary antibody at 1:1000 dilution. Secondary antibody (catalog#:RS23920) was diluted at 1:10000

## Contact information

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Ser897) Rabbit pAb**

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