

EPHA2 (Phospho Tyr930) Rabbit pAb

CatalogNo: YP1818

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, WB

MW

- 130kD (Observed)

Storage

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

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

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human EPHA2 (Phospho Tyr930)

Specificity This antibody detects endogenous levels of EPHA2 (Phospho Tyr930) Rabbit pAb at Human, Mouse. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):AGyTA

Target Information

Gene name EPHA2 ECK

Protein Name Ephrin type-A receptor 2 (Epithelial cell kinase) (Tyrosine-protein kinase receptor ECK)

Organism	Gene ID	UniProt ID
Human	1969 ;	P29317 ;
Mouse	13836 ;	Q03145 ;

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

Contact information

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