

Ephrin-A5 Rabbit pAb

CatalogNo: YT1593

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 25kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:40000

Not yet tested in other applications.

| 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.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human EFNA5. AA range:31-80

Specificity Ephrin-A5 Polyclonal Antibody detects endogenous levels of Ephrin-A5 protein.

| Target Information

Gene name EFNA5

Protein Name Ephrin-A5

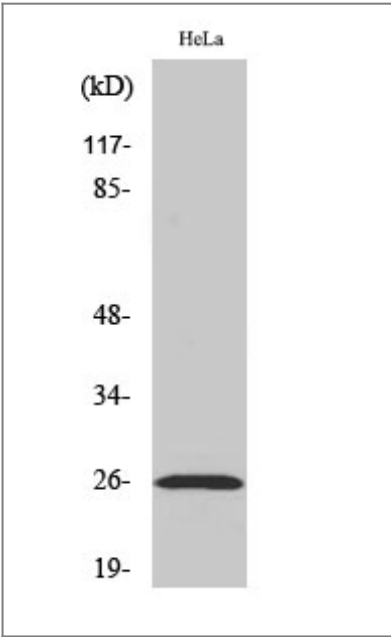
Organism	Gene ID	UniProt ID
Human	1946 ;	P52803 ;
Mouse	13640 ;	O08543 ;
Rat	116683 ;	P97605 ;

Cellular Localization Cell membrane ; Lipid-anchor, GPI-anchor . Membrane, caveola ; Lipid-anchor, GPI-anchor . Compartmentalized in discrete caveolae-like membrane microdomains.

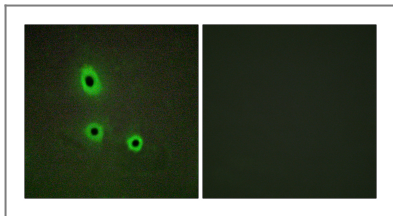
Tissue specificity Brain,

Function Function:May function actively to stimulate axon fasciculation. Induces compartmentalized signaling within a caveolae-like membrane microdomain when bound to the extracellular domain of its cognate receptor. This signaling event requires the activity of the Fyn tyrosine kinase.,similarity:Belongs to the ephrin family.,subcellular location:Compartmentalized in discrete caveolae-like membrane microdomains.,subunit:Binds to EPHB2 (By similarity). Binds to the receptor tyrosine kinases EPHA2, EPHA3 and EPHB1.,

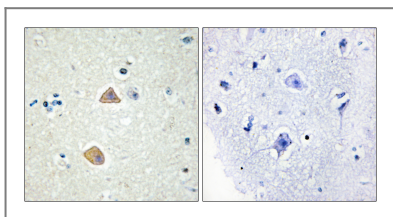
| Validation Data



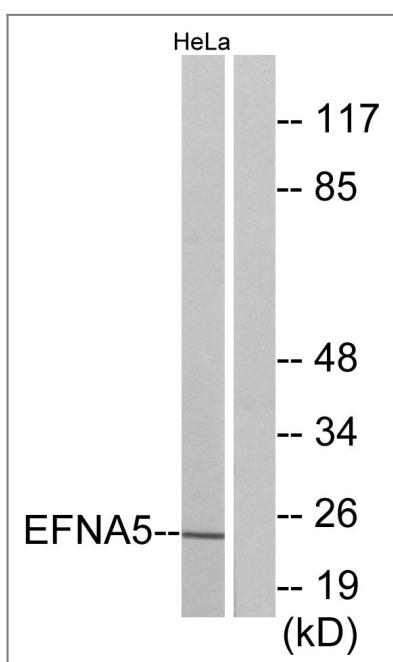
Western Blot analysis of various cells using Ephrin-A5 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using EFNA5 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using EFNA5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using EFNA5 Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

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Please scan the QR code to access additional product information:
Ephrin-A5 Rabbit pAb

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