10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EPHA10 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7614a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q5JZY3
Other Accession	Q8BYG9, P54759, Q61772, Q15375, O42422
Reactivity	Human
Predicted	Chicken, Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB13038
Calculated MW	109716
Antigen Region	149-179

Additional Information

Gene ID	284656
Other Names	Ephrin type-A receptor 10, EPHA10
Target/Specificity	This EPHA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-179 amino acids from the N-terminal region of human EPHA10.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	EPHA10 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EPHA10
Function	Receptor for members of the ephrin-A family. Binds to EFNA3, EFNA4 and EFNA5.

Cellular Location	[Isoform 1]: Cell membrane; Single- pass type I membrane protein [Isoform 2]: Secreted.
Tissue Location	Mainly expressed in testis.

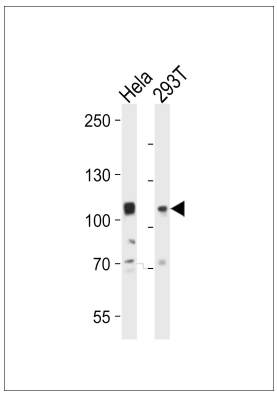
Background

EPHA10 is a receptor for members of the ephrin-A family. It binds to EFNA3, EFNA4 and EFNA5.

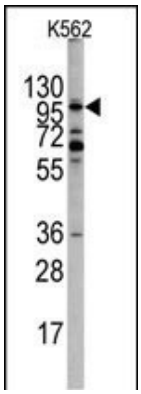
References

Aasheim,H.C., Biochim. Biophys. Acta 1723 (1-3), 1-7 (2005)

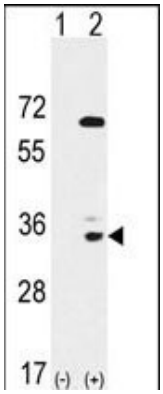
Images



Western blot analysis of lysates from Hela, 293T cell line (from left to right), using EPHA10 Antibody (N-term)(Cat. #AP7614a). AP7614a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

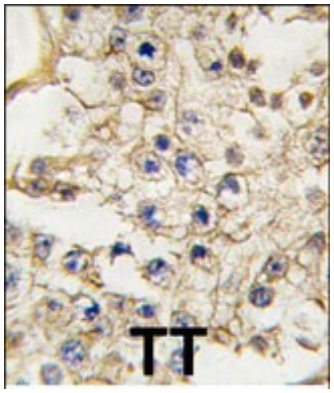


Western blot analysis of EPHA10 Antibody (N-term) (Cat.#AP7614a) in K562 cell line lysates (35ug/lane). EPHA10 (arrow) was detected using the purified Pab.



Western blot analysis of EPHA10 (arrow) using rabbit polyclonal EPHA10 Antibody (N-term) (Cat. #AP7614a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EPHA10 gene (Lane 2) (Origene Technologies).(2ug/ml)

Formalin-fixed and paraffin-embedded human testis tissue reacted with EPHA10 antibody (N-term), which was peroxidase-conjugated to the secondary antibody,



followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.