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anti-PDGFRA antibody (AA 698-727)

Images



Publication



Overview	
Quantity:	400 μL
Target:	PDGFRA
Binding Specificity:	AA 698-727
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PDGFRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 698-727 amino acids from human PDGFRA.
Clone:	RB11101
Isotype:	lg Fraction
Predicted Reactivity:	C, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PDGFRA
Alternative Name:	PDGFRA (PDGFRA Products)
Background:	PDGFRA is a cell surface tyrosine kinase receptor for members of the platelet-derived growth

factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity
of the growth factor bound to a receptor monomer determines whether the functional receptor
is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor
alpha and beta polypeptides. Studies in knockout mice, where homozygosity is lethal, indicate
that the alpha form of the platelet-derived growth factor receptor is particularly important for
kidney development since mice heterozygous for the receptor exhibit defective kidney
phenotypes.

Molecular Weight:	122670
Gene ID:	5156
NCBI Accession:	NP_006197
UniProt:	P16234
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin
	Signaling Pathway, Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB: 1:1000. WB: 1:2000. IHC-P: 1:25. IHC-P: 1:10~50
Restrictions:	For Research Use only

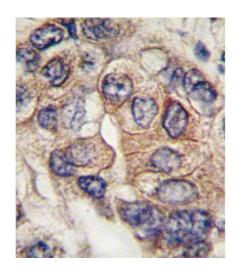
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Product cited in:

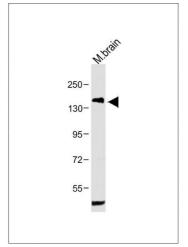
Wibowo, Chuan, Seth, Cordoba, Lua, Middelberg: "Co-administration of non-carrier nanoparticles boosts antigen immune response without requiring protein conjugation." in: **Vaccine**, Vol. 32, Issue 29, pp. 3664-9, (2014) (PubMed).

Images



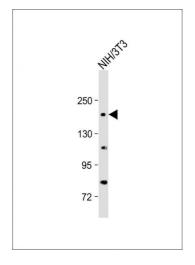
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PDGFRA Antibody (ABIN392024 and ABIN2841799), 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.



Western Blotting

Image 2. Anti-PDGFRA Antibody at 1:1000 dilution + Mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 123 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-PDGFRA Antibody at 1:2000 dilution + NIH/3T3 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 123 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN392024.