Datasheet for ABIN6242408

anti-Importin 9 antibody (AA 1-388)

2 Images

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Overview

Quantity:	200 µL
Target:	Importin 9 (IPO9)
Binding Specificity:	AA 1-388
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Importin 9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This RANBP9 antibody is generated from a mouse immunized with a recombinant protein between 1-388 amino acids from the human RANBP9.
Clone:	1815CT202-22-8-37
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Importin 9 (IPO9)
Alternative Name:	RANBP9 (IPO9 Products)
Background:	May act as an adapter protein to couple membrane receptors to intracellular signaling

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Target Details

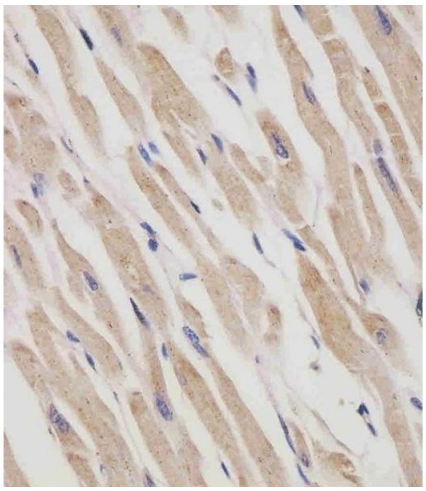
	pathways. May be involved in signaling of ITGB2/LFA-1 and other integrins. Enhances HGF-MET signaling by recruiting Sos and activating the Ras pathway. Enhances dihydrotestosterone-induced transactivation activity of AR, as well as dexamethasone-induced transactivation activity of NR3C1, but not affect estrogen-induced transactivation. Stabilizes TP73 isoform Alpha, probably by inhibiting its ubiquitination, and increases its proapoptotic activity. Inhibits the kinase activity of DYRK1A and DYRK1B. Inhibits FMR1 binding to RNA (By similarity).
Molecular Weight:	77847
UniProt:	Q96S59
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	WB: 1:2000-1:4000. IHC-P: 1:25
Restrictions:	For Research Use only

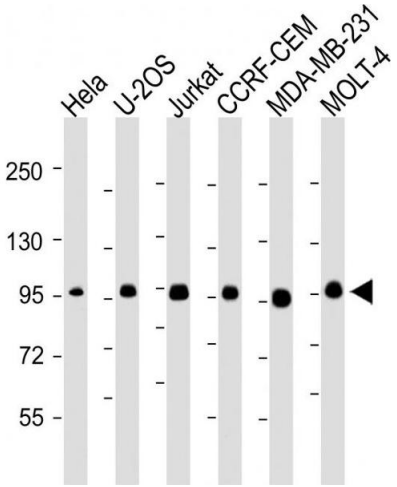
Handling

Format:	Liquid
Buffer:	Purified monoclonal 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
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6242408 and ABIN6577250) staining RANBP9 in human heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0. 5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-RANBP9 Antibody at 1:2000-1:4000 dilution Lane 1: Hela whole cell lysate Lane 2: U-2OS whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: CCRF-CEM whole cell lysate Lane 5: MDA-MB-231whole cell lysate Lane 6: MOLT-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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