Datasheet for ABIN7163391

anti-PAG1 antibody (AA 97-432)

4 Images

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Overview

Quantity:	100 µg
Target:	PAG1
Binding Specificity:	AA 97-432
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phosphoprotein associated with glycosphingolipid-enriched microdomains 1 protein (97-432AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	PAG1
Alternative Name:	PAG1 (PAG1 Products)
Background:	Background: Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells

Target Details

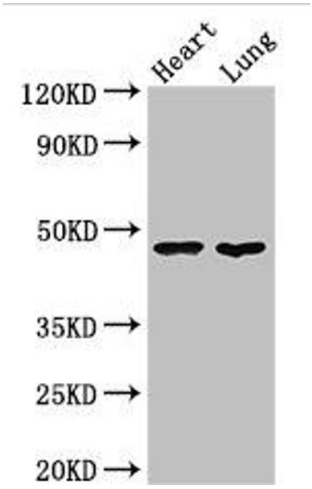
	and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Promotes CSK activation and recruitment to lipid rafts, which results in LCK inhibition. Inhibits immunological synapse formation by preventing dynamic arrangement of lipid raft proteins. May be involved in cell adhesion signaling. Aliases: CBP antibody, Csk binding protein antibody, Csk-binding protein antibody, FLJ37858 antibody, MGC138364 antibody, PAG 1 antibody, PAG antibody, PAG1 antibody, PAG1_HUMAN antibody, Phosphoprotein associated with glycosphingolipid enriched microdomains 1 antibody, Phosphoprotein associated with glycosphingolipid enriched microdomains antibody, Phosphoprotein associated with glycosphingolipid microdomains 1 antibody, Phosphoprotein associated with glycosphingolipid-enriched microdomains 1 antibody, Protein Associated with Glycosphingolipid Enriched Microdomains antibody, Transmembrane adapter protein PAG antibody, Transmembrane phosphoprotein Cbp antibody
UniProt:	Q9NWQ8
Pathways:	p53 Signaling, TCR Signaling, EGFR Signaling Pathway, CXCR4-mediated Signaling Events

Application Details

Application Notes:	Recommended dilution: WB:1:2000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

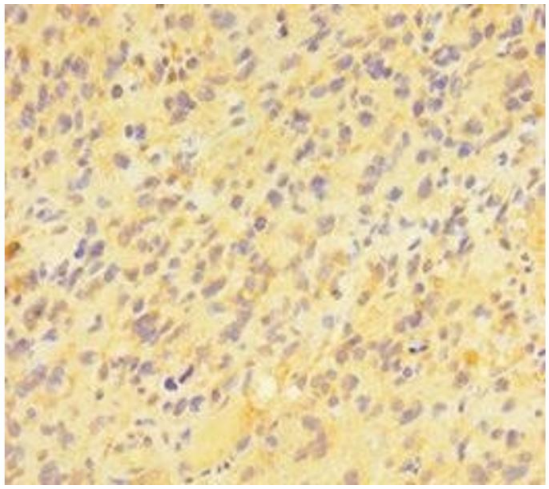
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



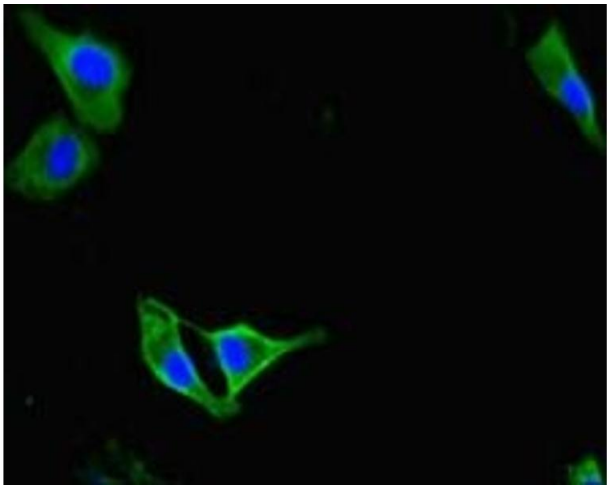
Western Blotting

Image 1. Western Blot Positive WB detected in: Mouse heart tissue, Mouse lung tissue All lanes: PAG1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47 kDa Observed band size: 47 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human glioma using ABIN7163391 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of Hela cells using ABIN7163391 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the product details page for more images. Overall 4 images are available for ABIN7163391.