Datasheet for ABIN954131

anti-KIAA1949 antibody (N-Term)

3 Images

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Overview

Quantity:	0.4 mL
Target:	KIAA1949
Binding Specificity:	AA 199-228, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIAA1949 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 199-228aa) of human PHTNS.
Isotype:	Ig Fraction
Specificity:	This antibody recognize PHTNS at N-terms.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	KIAA1949

Target Details

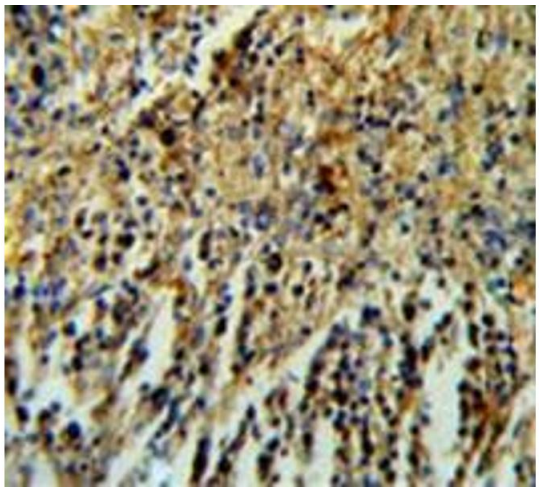
Abstract:	KIAA1949 Products
Background:	PHTNS interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin cytoskeleton.Synonyms: HKMT1098, KIAA1949, Phostensin, Protein phosphatase 1 F-actin cytoskeleton-targeting subunit
Gene ID:	170954
NCBI Accession:	NP_001128342

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

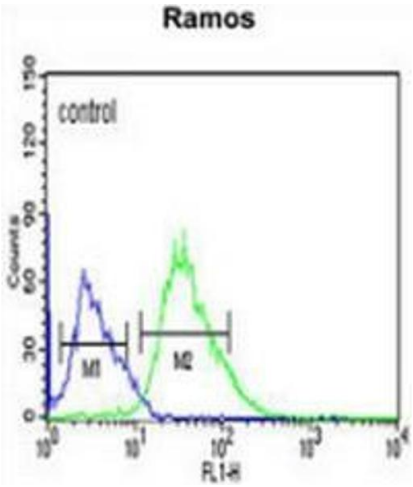


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in human spleen tissue (Formalin-fixed, Paraffin-embedded) using PHTNS Antibody (N-term), followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PHTNS antibody for IHC. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of PHTNS (arrow) in Ramos cell line lysates (35ug/lane) using PHTNS Antibody (N-term).



Flow Cytometry

Image 3. Flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram) using PHTNS Antibody , followed by FITC-conjugated goat-anti-rabbit secondary antibodies.

