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Datasheet for ABIN6263539

anti-NCKAP1 antibody (Internal Region)

3 Images

Overview

Quantity:	100 µL
Target:	NCKAP1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCKAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NCKAP1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	NCKAP1 Antibody detects endogenous levels of total NCKAP1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NCKAP1
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Target Details

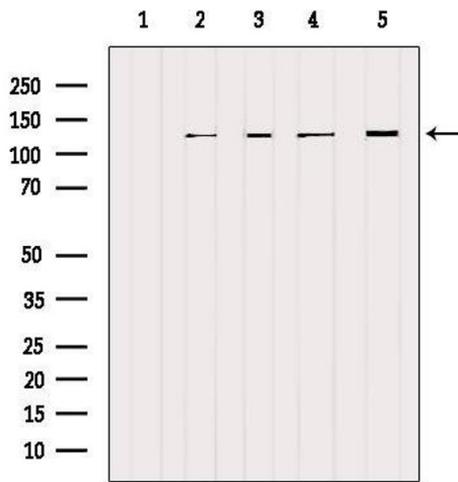
Alternative Name:	NCKAP1 (NCKAP1 Products)
Background:	<p>Description: Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. Actin remodeling activity is regulated by RAC1. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes.</p> <p>Gene: NCKAP1</p>
Molecular Weight:	115-125 kDa
Gene ID:	10787
UniProt:	Q9Y2A7
Pathways:	RTK Signaling , Tube Formation , Asymmetric Protein Localization , Embryonic Body Morphogenesis

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

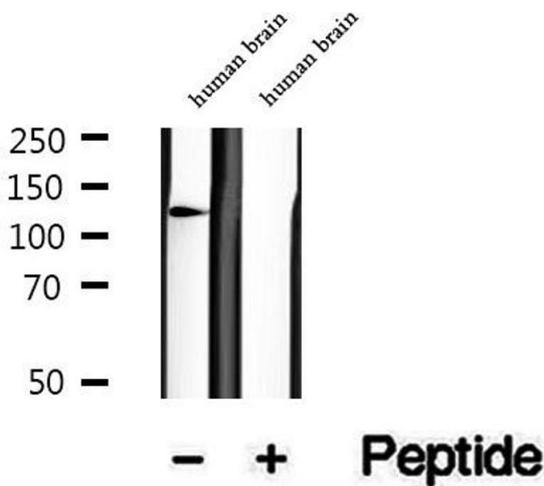
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



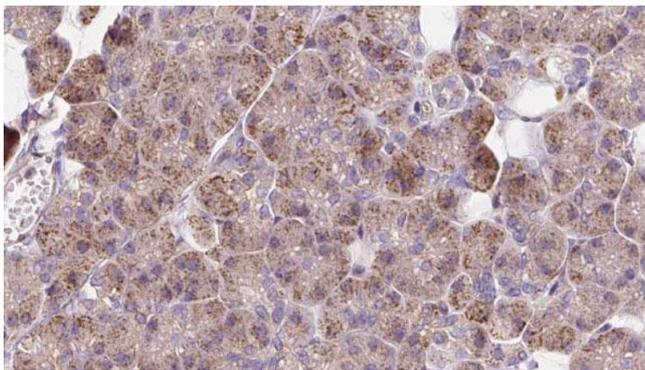
Western Blotting

Image 1. Western blot analysis of extracts from various samples, using NCKAP1 Antibody. Lane 1: Pc12 treated with blocking peptide; Lane 2: Pc12; Lane 3: 3t3; Lane 4: HeLa; Lane 5: MCF7.



Western Blotting

Image 2. Western blot analysis of extracts of human brain tissue, using NCKAP1 antibody.



Immunohistochemistry

Image 3. ABIN6273272 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.