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Datasheet for ABIN2782542

anti-SWAP70 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	SWAP70
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SWAP70 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SWAP70
Sequence:	ALEEHRDDDD EGPVSNQGYM PYLNRFILEK VQDNFDKIEF NRMCWTL CVK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SWAP70. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	SWAP70
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Target Details

Alternative Name:	SWAP70 (SWAP70 Products)
Background:	<p>Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which, independently of RAS, transduces signals from tyrosine kinase receptors to RAC. SWAP70 also mediates signaling of membrane ruffling. It regulates the actin cytoskeleton as an effector or adapter protein in response to agonist stimulated phosphatidylinositol (3,4)-biphosphate production and cell protrusion.</p> <p>Alias Symbols: FLJ39540, HSPC321, KIAA0640, SWAP-70</p> <p>Protein Interaction Partner: ZBTB5, RAPGEF4, UBC, CORO1B, ASUN, OTUD6B, JMJD6, GANAB, PACSIN2, FAF1, PAICS, FARSB, ZRANB2, RANBP3, CUL1, SUPT5H, SET, PPP2R5C, PLOD2, OSBP, GART, XRCC6, CRMP1, ATP6V1B2, C18orf8, CELSR3, IGHG1, PARP1, NPM1, NCL,</p> <p>Protein Size: 585</p>
Molecular Weight:	69 kDa
Gene ID:	23075
NCBI Accession:	NM_015055 , NP_055870
UniProt:	Q9UH65
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 585 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice: Avoid repeated freeze-thaw cycles.

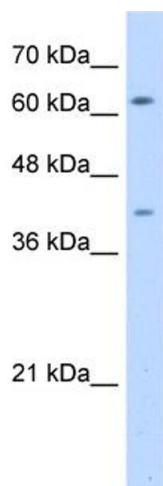
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-SWAP70 Antibody Titration:
5.0ug/ml Positive Control: HepG2 cell lysate