

Rabbit anti-Human, Mouse BRK1 Polyclonal Antibody | anti-BRK1 antibody

BRK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305157	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

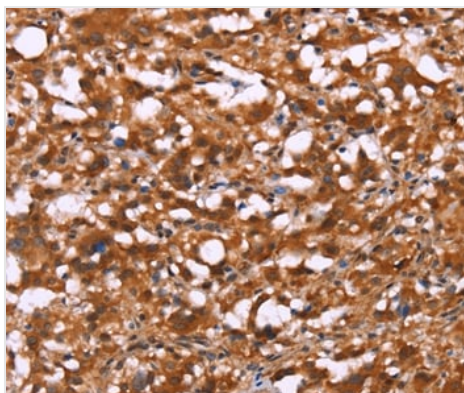
PRODUCT SYNONYMS

BRK1; Polyclonal Antibody; BRK1 Antibody; MDS027; hHBrk1; C3orf10; HSPC300; anti-BRK1 antibody

PRODUCT SPECIFICATIONS

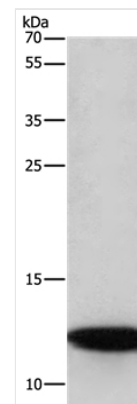
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BRK1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	2.6 mg/ml (varies by lot)
Sequence Length	75
Applicable Applications for anti-BRK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human BRICK1, SCAR/WAVE actin-nucleating complex subunit
Target Name	BRK1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



Application Data

Gel: 10%SDS-PAGE Lysate: 40ug A172 cell Primary antibody: 1/350 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-BRK1 antibody	HSPC300 (hematopoietic stem cell protein 300) is also known as probable protein BRICK1 or C3orf10 (chromosome 3 open reading frame 10) and is a 75 amino acid protein that is expressed as two isoforms and localizes to both the cytoplasm and the cytoskeleton. HSPC300 is thought to regulate cytoskeletal organization and Actin polymerization. Free HSPC300 exists as homotrimers prior to its incorporation into the WAVE complex. The WAVE complex includes five proteins, one of which is HSPC300, that regulate the ARC (Arp2/3 complex) which is responsible for Actin nucleation and is Rac 1-dependent. Because HSPC300 is a highly conserved subunit of the WAVE complex across many species, it is thought to have the same or similar functions in many different organisms.
Product Categories/Family for anti-BRK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27544939
NCBI GeneID	55845
NCBI Accession #	NP_060932.2
NCBI GenBank Nucleotide #	NM_018462.4
UniProt Accession #	Q8WUW1; Q9P082; B2R5E2
Molecular Weight	SDS-PAGE MW: 9kd
NCBI Official Full Name	protein BRICK1
NCBI Official Synonym Full Names	BRICK1, SCAR/WAVE actin-nucleating complex subunit
NCBI Official Symbol	BRK1
NCBI Official Synonym Symbols	MDS027; hHBrk1; C3orf10; HSPC300
NCBI Protein Information	protein BRICK1
UniProt Protein Name	Protein BRICK1
UniProt Gene Name	BRK1
UniProt Synonym Gene Names	C3orf10; BRK1
UniProt Entry Name	BRK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brk1-antibody-immunohistochemistry-western-blot-elisa/305157>