

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

BRK1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282343	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry

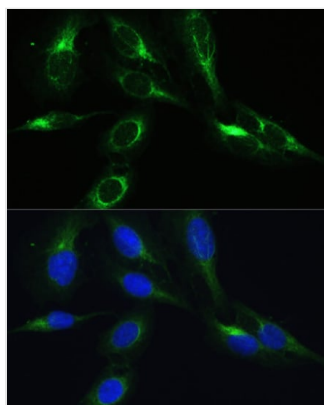
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

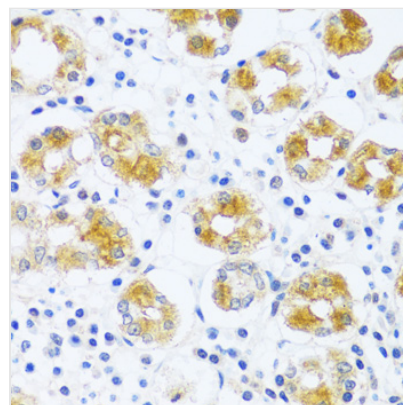
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	PVQLSKEQEE LIRTLLGAHT RHMGTMEQF VQFRPPAHLF IHHQPLPTLA PVLPLVTHFA DINTFMVLQV IKFTKDLPVF RSLPIEDQIS LLKGAAVEIC HIVLNTTFCL QTQNFLCGPL RYTIEDGARV SPTVGFQVEF LELLFHFHGT LRKLQLEPE YVLLAAMALF SPDRPGVTQR DEIDQLQEEM ALTLQSYIKG QRRRPRDRFL YAKLLGLLAE LRSINEAYGY QIQHIQGLSA MMPLLQEICS
Applicable Applications for anti-BRK1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-75 of human BRK1 (NP_060932.2).
Cellular Location	cytoskeleton, cytosol, extracellular exosome, SCAR complex
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



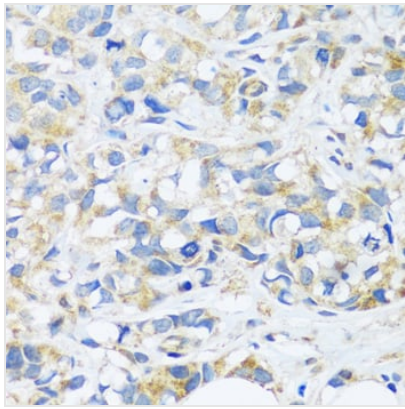
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using BRK1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using BRK1 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using BRK1 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-BRK1 antibody	Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By similarity).
Product Categories/Family for anti-BRK1 antibody	Signal Transduction ; Cell Biology & Developmental Biology ; Cytoskeleton ; Microfilaments ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938732
NCBI GeneID	9970
NCBI Accession #	NP_001070938.1
NCBI GenBank Nucleotide #	NM_001077470.2
UniProt Accession #	Q14994; Q0VAC9; Q4U0F0; Q5VTW5; Q5VTW6; Q6GZ68; Q6GZ77; E9PGH6; E9PH10; E9PHN4; F1D8Q0; F1D8Q1
Molecular Weight	39,942 Da
NCBI Official Full Name	nuclear receptor subfamily 1 group I member 3 isoform 11
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group I, member 3
NCBI Official Symbol	NR1I3
NCBI Official Synonym Symbols	CAR; CAR1; MB67
NCBI Protein Information	nuclear receptor subfamily 1 group I member 3; constitutive active receptor; constitutive active response; orphan nuclear receptor MB67; orphan nuclear hormone receptor; constitutive androstane receptor; constitutive activator of retinoid response; consti
UniProt Protein Name	Nuclear receptor subfamily 1 group I member 3
UniProt Gene Name	NR1I3
UniProt Synonym Gene Names	CAR; Constitutive active response; CAR
UniProt Entry Name	NR1I3_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.

