

Rabbit BIG2 Polyclonal Antibody | anti-BIG2 antibody

BIG2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294319	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

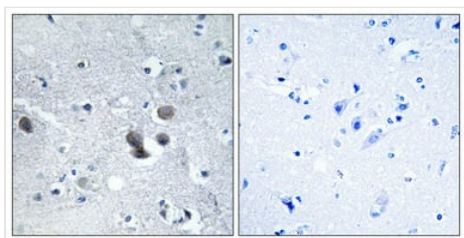
PRODUCT SYNONYMS

BIG2; Polyclonal Antibody; BIG2 Polyclonal Antibody; ARFGEF2; ARFGEP2; Brefeldin A-inhibited guanine nucleotide-exchange protein 2; Brefeldin A-inhibited GEP 2; ADP-ribosylation factor guanine nucleotide-exchange factor 2; anti-BIG2 antibody

PRODUCT SPECIFICATIONS

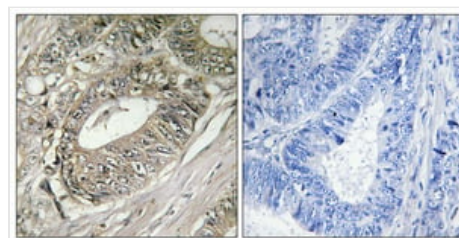
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-BIG2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



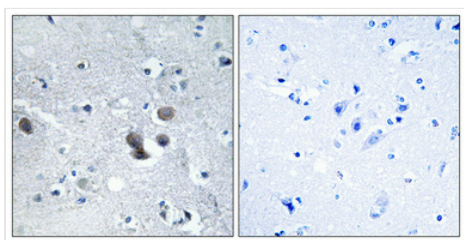
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.



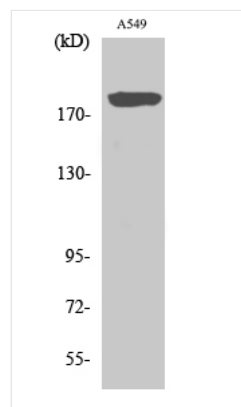
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WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-BIG2 antibody	Promotes guanine-nucleotide exchange on ARF1 and ARF3 and to a lower extent on ARF5 and ARF6. Promotes the activation of ARF1/ARF5/ARF6 through replacement of GDP with GTP. Involved in the regulation of Golgi vesicular transport. Required for the integrity of the endosomal compartment. Involved in trafficking from the trans-Golgi network (TGN) to endosomes and is required for membrane association of the AP-1 complex and GGA1. Seems to be involved in recycling of the transferrin receptor from recycling endosomes to the plasma membrane. Probably is involved in the exit of GABA (A) receptors from the endoplasmic reticulum. Involved in constitutive release of tumor necrosis factor receptor 1 via exosome-like vesicles; the function seems to involve PKA and specifically PRKAR2B. Proposed to act as A kinase-anchoring protein (AKAP) and may mediate crosstalk between Arf and PKA pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	150417986
NCBI GeneID	10564
NCBI Accession #	NP_006411.2
NCBI GenBank Nucleotide #	NM_006420.2
UniProt Accession #	Q9Y6D5; Q5TFT9; Q9NTS1
Molecular Weight	202,038 Da
NCBI Official Full Name	brefeldin A-inhibited guanine nucleotide-exchange protein 2
NCBI Official Synonym Full Names	ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited)
NCBI Official Symbol	ARFGEF2
NCBI Official Synonym Symbols	BIG2; PVNH2; dJ1164I10.1
NCBI Protein Information	brefeldin A-inhibited guanine nucleotide-exchange protein 2; brefeldin A-inhibited GEP 2
UniProt Protein Name	Brefeldin A-inhibited guanine nucleotide-exchange protein 2
UniProt Gene Name	ARFGEF2
UniProt Synonym Gene Names	ARFGEP2; BIG2; Brefeldin A-inhibited GEP 2
UniProt Entry Name	BIG2_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://www.aaabiotech.com/polyclonal/big2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/294319>