

Rabbit anti-Human, Mouse BIG1/ARFGEF1 Polyclonal Antibody | anti-BIG1/ARFGEF1 antibody

Rabbit anti-BIG1/ARFGEF1 Antibody, Affinity Purified

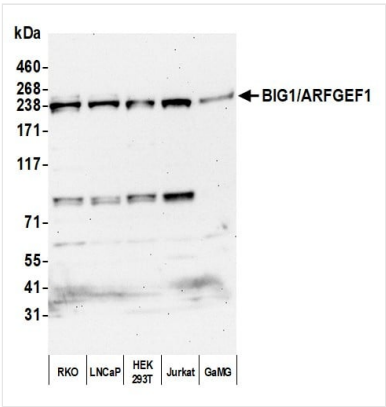
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211270	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

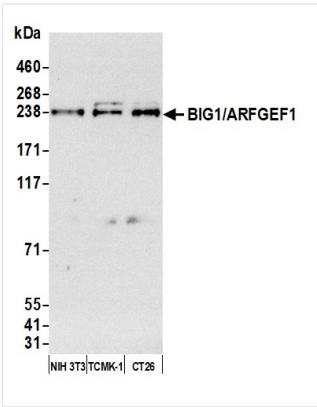
BIG1/ARFGEF1; Polyclonal Antibody; Rabbit anti-BIG1/ARFGEF1 Antibody; Affinity Purified; brefeldin A-inhibited guanine nucleotide-exchange protein 1; p200 ARF guanine nucleotide exchange factor; ADP-ribosylation factor guanine nucleotide-exchange factor 1 (brefeldin A-inhibited); P200; p200 ARF-GEP1; Brefeldin A-inhibited GEP 1; ARFGEF1; ADP-ribosylation factor guanine nucleotide-exchange factor 1; BIG1; Brefeldin A-inhibited guanine nucleotide-exchange protein 1; ADP ribosylation factor guanine nucleotide exchange factor 1; anti-BIG1/ARFGEF1 antibody

PRODUCT SPECIFICATIONS

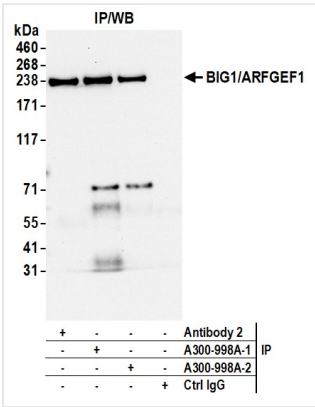
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BIG1/ARFGEF1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine
Immunogen	Between 1799 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



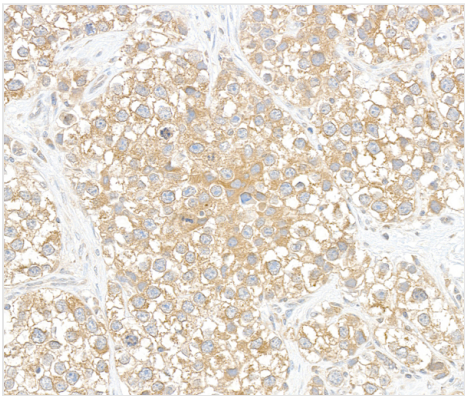
WB (Western Blot)
Detection of human BIG1/ARFGEF1 by western blot. Samples: Whole cell lysate (25 ug) from RKO, LNCaP, HEK293T, Jurkat, and GaMG cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BIG1/ARFGEF1 antibody (AAA211270 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)
Detection of human BIG1/ARFGEF1 by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, TCMK-1, and CT26 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BIG1/ARFGEF1 antibody (AAA211270 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human BIG1/ARFGEF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from RKO cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BIG1/ARFGEF1 antibody (AAA211270 lot 2) used for IP at 6 ug per reaction. BIG1/ARFGEF1 was also immunoprecipitated by a previous lot of this antibody (AAA211270 lot 1) and a second antibody against a different epitope of BIG1/ARFGEF1 (Antibody 2). For blotting immunoprecipitated BIG1/ARFGEF1, AAA211270 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)
Detection of human BIG1/ARFGEF1 by immunohistochemistry. Sample: FFPE section of human testicular seminoma. Antibody: Affinity purified rabbit anti-BIG1/ARFGEF1 (Cat. No. AAA211270 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BIG1/ARFGEF1 antibody	BIG1/ARFGEF1 is a brefeldin A-inhibited guanine nucleotide exchange protein (GEP) that activates ADP-ribosylation factor (ARF) GTPases and functions in vesicle formation from Golgi membranes.
Product Categories/Family for anti-BIG1/ARFGEF1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479145
NCBI GeneID	10565
NCBI Accession #	NP_006412.2
NCBI GenBank Nucleotide #	NM_006421.4
UniProt Accession #	Q9Y6D6; Q9NV46; Q9UFV2; Q9UNL0; Q59FY5

Molecular Weight	208,767 Da
NCBI Official Full Name	brefeldin A-inhibited guanine nucleotide-exchange protein 1
NCBI Official Synonym Full Names	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)
NCBI Official Symbol	ARFGEF1
NCBI Official Synonym Symbols	BIG1; P200; ARFGEP1; DKFZP434L057; D730028O18Rik
NCBI Protein Information	brefeldin A-inhibited guanine nucleotide-exchange protein 1; p200 ARF-GEP1; OTTHUMP00000227052; OTTHUMP00000227095; brefeldin A-inhibited GEP 1; p200 ARF guanine nucleotide exchange factor
UniProt Protein Name	Brefeldin A-inhibited guanine nucleotide-exchange protein 1
UniProt Gene Name	ARFGEF1
UniProt Synonym Gene Names	ARFGEP1; BIG1
UniProt Entry Name	BIG1_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/big1-arfgef1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211270>