Rabbit anti-Human GEF-H1 Polyclonal Antibody | anti-GEF-H1 antibody

Rabbit anti-GEF-H1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211683	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

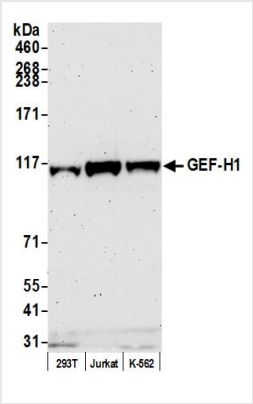
PRODUCT SYNONYMS

GEF-H1; Polyclonal Antibody; Rabbit anti-GEF-H1 Antibody; Affinity Purified; NEDMHM; GEFH1; Rho/Rac guanine nucleotide exchange factor (GEF) 2; rho guanine nucleotide exchange factor 2; proliferating cell nucleolar antigen p40; P40; LFP40; GEF; microtubule-regulated Rho-GEF; guanine nucleotide exchange factor H1; Rho guanine nucleotide exchange factor 2; Rho/Rac guanine nucleotide exchange factor 2; anti-GEF-H1 antibody

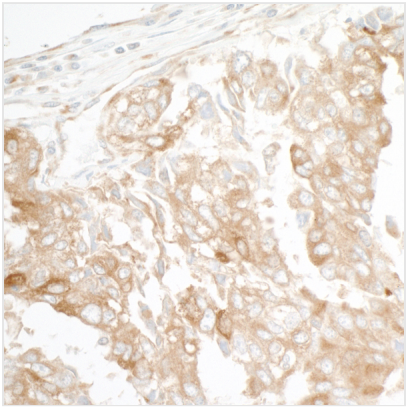
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-GEF-H1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Pig
Immunogen	Between 625 and 675
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human GEF-H1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, Jurkat, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GEF-H1 antibody AAA211683 (lot AAA211683-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)
Detection of human GEF-H1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-GEF-H1 (Cat. No. AAA211683 lot 2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-GEF-H1 antibody	GEF-H1 (guanine nucleotide exchange factor H1) is a microtubule regulated guanine nucleotide exchange factor for the RhoA GTPase. It catalyzes the exchange of GDP for GTP by Rho in response to microtubule destabilization. GEF-H1 has shown to be regulated during cytokinesis and plays a role in the cleavage furrow.
Product Categories/Family for anti-GEF-H1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15011974
NCBI GeneID	9181
NCBI Accession #	NP_004714.2
NCBI GenBank Nucleotide #	NM_004723.3
UniProt Accession #	Q92974; O75142; Q15079; Q5VY92; Q8TDA3; Q8WUG4; Q9H023; D3DVA6
Molecular Weight	108,242 Da
NCBI Official Full Name	rho guanine nucleotide exchange factor 2 isoform 3
NCBI Official Synonym Full Names	Rho/Rac guanine nucleotide exchange factor (GEF) 2
NCBI Official Symbol	ARHGEF2
NCBI Official Synonym Symbols	GEF; P40; GEFH1; LFP40; GEF-H1
NCBI Protein Information	rho guanine nucleotide exchange factor 2; microtubule-regulated Rho-GEF; guanine nucleotide exchange factor H1; proliferating cell nucleolar antigen p40; Rho/Rac guanine nucleotide exchange factor 2
UniProt Protein Name	Rho guanine nucleotide exchange factor 2
UniProt Gene Name	**ARHGEF2**
UniProt Synonym Gene Names	KIAA0651; LFP40; GEF-H1
UniProt Entry Name	ARHG2_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/gef-h1-antibody-immunohistochemistry-western-blot-elisa/211683