

Rabbit anti-Human REA Polyclonal Antibody | anti-REA antibody

Rabbit anti-REA Antibody, Affinity Purified

CATALOG # AAA211076	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

REA; Polyclonal Antibody; Rabbit anti-REA Antibody; Affinity Purified; hBAP; repressor of estrogen receptor activity; prohibitin-2; BAP; p22; D-prohibitin; B-cell receptor-associated protein BAP37; B-cell associated protein; BCAP37; Bap37; PNAS-141; Prohibitin-2; prohibitin 2; anti-REA 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-REA antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human REA by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg/IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-REA antibodies BL1704 (Cat. No. AAA211076), BL1705, BL1706 (Cat. No. BL1707 each used for IP at 3 ug/mg lysate. Immunoprecipitated REA was blotted using BL1706 (upper blot) or BL1707 (lower blot). Detection: Chemiluminescence with exposure times of 30 seconds (upper and lower).



IHC (Immunohistochemistry)

Detection of human REA by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-REA (Cat. No. AAA211076 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-REA antibody

REA (repressor of estrogen receptor activity), also known as prohibitin 2, has been shown to exhibit a variety of functions that includes mitochondrial chaperone activity, cell cycle regulation, and transcriptional regulation. REA localizes to the mitochondria and associates with mitochondrial complex I where it may play a role in mitochondrial metabolism. REA interacts with pRb to inhibit E2F-mediated transcription as well as the estrogen receptor to repress estrogen-dependent transcription via recruitment of histone deacetylases.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	11331
UniProt Accession #	Q99623
UniProt Protein Name	Prohibitin-2
UniProt Gene Name	PHB2
UniProt Entry Name	PHB2_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/rea-antibody-immunohistochemistry-immunoprecipitation-elisa/211076>