

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

Rabbit anti-REA Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211077	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

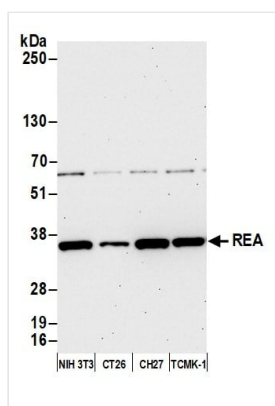
PRODUCT SYNONYMS

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

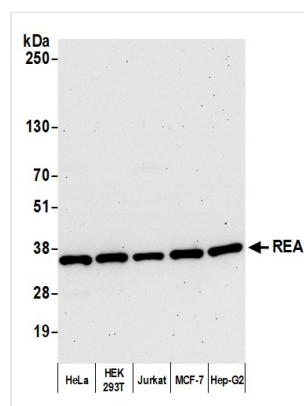
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-REA antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Orangutan
Immunogen	Between 249 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



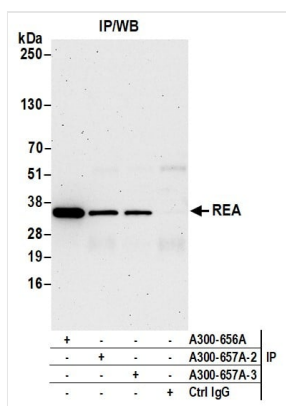
WB (Western Blot)

Detection of mouse REA by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, and TCMK-1 cells. Antibody: Affinity purified rabbit anti-REA antibody (AAA211077 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



WB (Western Blot)

Detection of human REA by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-REA antibody (AAA211077 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human REA by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-REA antibody (AAA211077 lot 3) used for IP at 20 ul per reaction. REA was also immunoprecipitated by a previous lot of this antibody (AAA211077 lot 2) and another rabbit anti-REA antibody . For blotting immunoprecipitated REA, AAA211077 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

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.

Product Categories/Family for anti-REA antibody

Primary Antibodies

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-immunoprecipitation-western-blot-elisa/211077>