

Rabbit anti-Human, Mouse TASK-2 Polyclonal Antibody | anti-TASK-2 antibody

Rabbit anti-TASK-2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212698	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

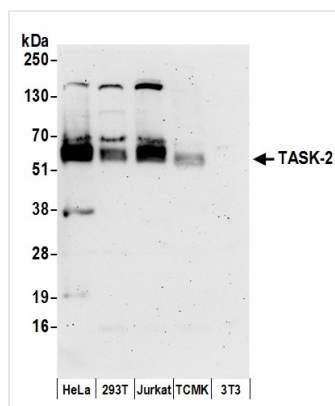
PRODUCT SYNONYMS

TASK-2; Polyclonal Antibody; Rabbit anti-TASK-2 Antibody; Affinity Purified; K2P5.1 potassium channel; potassium channel; two pore domain subfamily K; member 5; TWIK-related acid-sensitive K⁺ channel 2; TWIK-related acid-sensitive K(+) channel 2; TASK2; subfamily; member 5 (KCNK5); subfamily K; member 1 (TASK-2); KCNK5b; K2p5.1; acid-sensitive potassium channel protein TASK-2; potassium channel subfamily K member 5; Potassium channel subfamily K member 5; potassium two pore domain channel subfamily K member 5; anti-TASK-2 antibody

PRODUCT SPECIFICATIONS

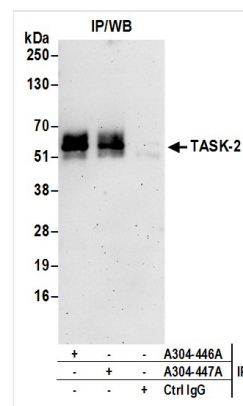
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TASK-2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 449 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 human and mouse TASK-2 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-TASK-2 antibody AAA212698 (lot AAA212698-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human TASK-2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. Antibodies: Affinity purified rabbit anti-TASK-2 antibody AAA212698 (lot AAA212698-1) used for IP at 6 ug per reaction. TASK-2 was also immunoprecipitated by rabbit anti-TASK-2 antibody A304-446A. For blotting immunoprecipitated TASK-2, AAA212698 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-TASK-2 antibody	TWIK-related acid-sensitive K(+) channel 2 (TASK-2) is a pH-dependent, voltage insensitive, outwardly rectifying potassium channel. Outward rectification is lost at high external K(+) concentrations [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O95279].
Product Categories/Family for anti-TASK-2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504851
NCBI GeneID	8645
NCBI Accession #	NP_003731.1
NCBI GenBank Nucleotide #	NM_003740.3
UniProt Accession #	O95279 ; Q5VV76 ; B2RAQ6 ; B5TJL2
Molecular Weight	55,130 Da
NCBI Official Full Name	potassium channel subfamily K member 5
NCBI Official Synonym Full Names	potassium two pore domain channel subfamily K member 5
NCBI Official Symbol	KCNK5
NCBI Official Synonym Symbols	TASK2; K2p5.1; KCNK5b; TASK-2
NCBI Protein Information	potassium channel subfamily K member 5
UniProt Protein Name	Potassium channel subfamily K member 5
UniProt Gene Name	KCNK5
UniProt Synonym Gene Names	TASK2

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/task-2-antibody-immunoprecipitation-western-blot-elisa/212698>