

Rabbit anti-Human MARK3 Polyclonal Antibody | anti-MARK3 antibody

Rabbit anti-MARK3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211796	Rabbit	Human	Immunoprecipitation, Western Blot

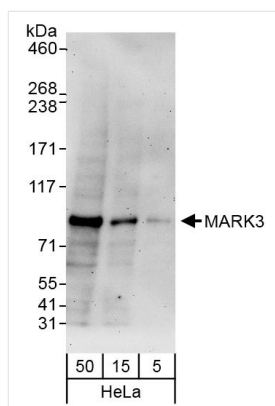
PRODUCT SYNONYMS

MARK3; Polyclonal Antibody; Rabbit anti-MARK3 Antibody; Affinity Purified; MAP/microtubule affinity-regulating kinase 3; protein kinase STK10; ser/Thr protein kinase PAR-1; Par-1a; PAR1A; EMK-2; ELKL motif kinase 2; C-TAK1; cdc25C-associated protein kinase 1; CTAK1; serine/threonine-protein kinase p78; KP78; microtubule affinity regulating kinase 3; anti-MARK3 antibody

PRODUCT SPECIFICATIONS

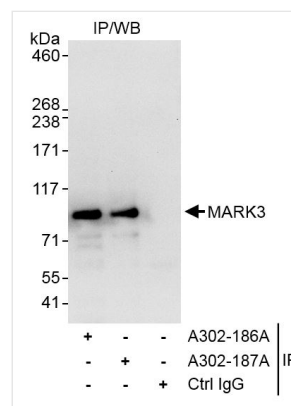
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MARK3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 525 and 575
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 MARK3 by western blot. Samples: Whole cell lysate (5, 15, and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-MARK3 antibody AAA211796 (lot AAA211796-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MARK3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MARK3 antibody AAA211796 (lot AAA211796-1) used for IP at 3 ug/mg lysate. MARK3 was also immunoprecipitated by rabbit anti-MARK3 antibody which recognizes a downstream epitope. For blotting immunoprecipitated MARK3, AAA211796 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MARK3 antibody	MARK3 (Microtubule-affinity regulating kinase 3) is also known as PAR-1a (partition-defective 1a) and is a member of a family of kinases that plays a role in cell polarity and cell-cycle control. There are four PAR-1/MARK isoforms encoded by independent genes: MARK1 (PAR-1c), MARK2 (PAR-1b/EMK), MARK3(PAR-1a), and MARK4 (PAR-1d/MARKL1). MARK isoforms phosphorylates microtubule associated proteins (MAPs) such as MAP2, MAP4, and tau to regulate their association with microtubules.
Product Categories/Family for anti-MARK3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	4140
UniProt Accession #	P27448
UniProt Protein Name	MAP/microtubule affinity-regulating kinase 3
UniProt Gene Name	MARK3
UniProt Synonym Gene Names	CTAK1; EMK2; cTAK1; EMK-2; Par-1a
UniProt Entry Name	MARK3_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/mark3-antibody-immunoprecipitation-western-blot-elisa/211796>