

Rabbit anti-Human, Mouse Sin1 Polyclonal Antibody | anti-Sin1 antibody

Rabbit anti-Sin1 IHC Antibody, Affinity Purified

CATALOG # AAA213853	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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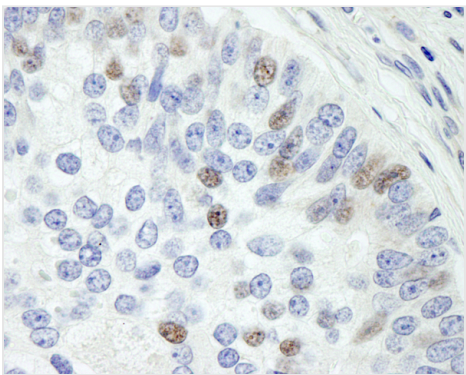
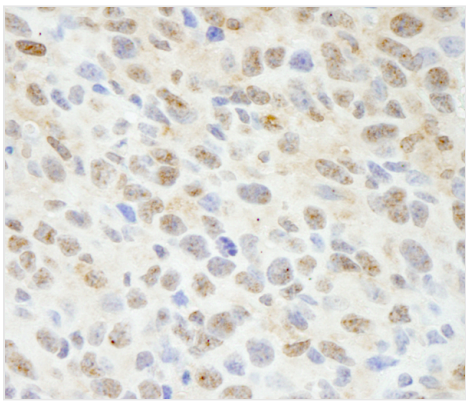
PRODUCT SYNONYMS

Sin1; Polyclonal Antibody; Rabbit anti-Sin1 IHC Antibody; Affinity Purified; SIN1b; ras inhibitor MGC2745; TORC2 subunit MAPKAP1; target of rapamycin complex 2 subunit MAPKAP1; stress-activated protein kinase-interacting 1; Stress-activated map kinase-interacting protein 1; stress-activated map kinase interacting protein 1; SIN1g; SAPK-interacting protein 1; JC310; mSIN1; mitogen-activated protein kinase 2-associated protein 1; MIP1; MEKK2-interacting protein 1; SIN1; Target of rapamycin complex 2 subunit MAPKAP1; mitogen-activated protein kinase associated protein 1; anti-Sin1 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	100ug/ml (varies by lot)
Applicable Applications for anti-Sin1 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Rat, Chicken, Turkey, Sheep, Bovine, Dog, Horse, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, Chinese hamster, Little brown bat, Small-eared galago, West Indian ocean coelacanth, Crab-eating macaque, White-tufted-ear marmoset, Thirteen-lined ground squirrel, Zebra finch, Naked mole rat, Tasmanian devil, Duckbill platypus, Gray short-tailed opossum
Immunogen	Between 472 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)
Detection of mouse Sin1 by immunohistochemistry. Sample: FFPE section of mouse squamous cell carcinoma. Antibody: Affinity purified rabbit anti-Sin1 (Cat. No. AAA213853) used at a dilution of 1:100. Detection: DAB

IHC (Immunohistochemistry)
Detection of human Sin1 by immunohistochemistry. Sample: FFPE section of human prostate adenocarcinoma. Antibody: Affinity purified rabbit anti-Sin1 (Cat. No. AAA213853) used at a dilution of 1:500. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Sin1 antibody	Stress-activated map kinase-interacting protein 1 (Sin1) is highly similar to the yeast stress- activated protein kinase SIN1. Sin1 is an essential mTORC2 subunit that is required to act as the PDK2 that phosphorylates Akt/PKB at Ser 473. Sin1 has been implicated as a scaffolding protein. Sin1 is required for rictor binding in the mTORC2 complex. Sin1 has also been shown to be important to the SAPK (stress-activated kinase) signaling pathway and in the nucleus may act as a scaffold between ATF-2 and p38 to facilitate p38-induced phosphorylation of ATF-2. Sin1 is also found to form a complex with c-Jun N-terminal kinase (JNK) and may similarly function as a scaffolding protein in JNK signaling.
Product Categories/Family for anti-Sin1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	56788407
NCBI GeneID	79109
NCBI Accession #	NP_001006618.1
NCBI GenBank Nucleotide #	NM_001006617.1
UniProt Accession #	Q9BPZ7; Q00426; Q5JSV5; Q5JSV6; Q5JSV9; Q658R0; Q699U1; Q699U2; Q699U3; A8K1Z5; B1AMA4; B7Z309
Molecular Weight	41,838 Da
NCBI Official Full Name	target of rapamycin complex 2 subunit MAPKAP1 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase associated protein 1
NCBI Official Symbol	MAPKAP1
NCBI Official Synonym Symbols	MIP1; SIN1; JC310; SIN1b; SIN1g
NCBI Protein Information	target of rapamycin complex 2 subunit MAPKAP1; MEKK2-interacting protein 1; SAPK-interacting protein 1; TORC2 subunit MAPKAP1; mSIN1; mitogen-activated protein kinase 2-associated protein 1; ras inhibitor MGC2745; stress-activated map kinase interacting p
UniProt Protein Name	Target of rapamycin complex 2 subunit MAPKAP1
UniProt Gene Name	MAPKAP1
UniProt Synonym Gene Names	MIP1; SIN1; TORC2 subunit MAPKAP1; SAPK-interacting protein 1; mSIN1
UniProt Entry Name	SIN1_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/sin1-antibody-immunohistochemistry-elisa/213853>