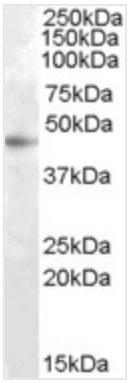
RASSF6 Antibody – Goat Polyclonal

PRODUCT OVERVIEW

Product Name	RASSF6, Polyclonal Antibody
Full Product Name	Goat anti-RASSF6 Antibody
Product Gene Name	anti-RASSF6 antibody
Product Synonym Names	RASSF6; Ras association (RalGDS/AF-6) domain family 6; DKFZp686K23225; putative RAS binding protein; RASSF6 antibody; Ras association (RalGDS/AF-6) domain family 6 antibody; DKFZp686K23225 antibody; putative RAS binding protein antibody
Immunogen Sequence	SNTLKPHAKD EPDS
Clonality	Polyclonal
Host	Goat
Species Reactivity	Tested: Human; Expected from sequence similarity: Human
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Concentration	100ug specific antibody in 200ul (lot specific)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.
Antibody/Peptide Pairs	RASSF6 peptide (MBS426247) is used for blocking the activity of RASSF6 antibody (MBS421614)
Molecular Weight	35,809 Da
OMIM	612620
Immunogen	Peptide with sequence C-SNTLKPHAKDEPDS, from the internal region of the protein sequence according to NP_803876.1; NP_958834.1.
Epitope	Internal region
Note	This antibody is expected to recognise both reported isoforms (NP_803876.1; NP_958834.1).
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Applications Tested/Suitable for anti-RASSF6 antibody	Peptide ELISA (EIA), Western Blot (WB)
Application Notes for anti-RASSF6 antibody	Peptide ELISA: Antibody detection limit dilution 1: 16000. Western Blot: Approx 45kDa band observed in lysates of cell line HepG2 (calculated MW of 43.4kDa according to NP_958834.1). Recommended concentration: 1-3ug/ml.
Related Product Information for anti-RASSF6 antibody	MBS421614 is an antibody targeting RASSF6. Also known as Goat anti-RASSF6 Antibody. Reactive in Tested: Human; Expected from sequence similarity: Human. Host: Goat.
Other Notes	Small volumes of anti-RASSF6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RASSF6 antibody
(1ug/ml) staining of HepG2 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RASSF6. It may not necessarily be applicable to this product.

NCBI GI #	29789443
NCBI GeneID	166824
NCBI Accession #	NP_803876.1
NCBI Related Accession #	NP_958834.1
UniProt Secondary Accession #	Q68DT2; Q6PDA6; Q86WG9; Q86WH0
UniProt Related Accession #	Q6ZTQ3
GenBank Nucleotide #	NM_177532.4
NCBI Official Full Name	ras association domain-containing protein 6 isoform a
NCBI Official Synonym Full Names	Ras association domain family member 6
NCBI Official Symbol	RASSF6
UniProt Protein Name	Ras association domain-containing protein 6
Protein Family	Ras association domain-containing protein
UniProt Gene Name	RASSF6
UniProt Entry Name	RASF6_HUMAN
NCBI Protein Information	ras association domain-containing protein 6
NCBI Summary for RASSF6	This gene encodes a member of the Ras-association domain family (RASSF). Members of this family form the core of a highly conserved tumor suppressor network, the Salvador-Warts-Hippo (SWH) pathway. The protein encoded by this gene is a Ras effector protein that induces apoptosis. A genomic region containing this gene has been linked to susceptibility to viral bronchiolitis. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]
UniProt Comments for RASSF6	RASSF6: Involved in the induction of apoptosis, through both caspase-dependent and caspase-independent pathways. May act as a Ras effector protein. May suppress the serum-induced basal levels of NF-kappa-B. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 4q13.3 Molecular Function: protein binding Biological Process: apoptosis; signal transduction

Research Articles on RASSF6	**1.** Mechanistic investigation shows that RASSF6 triggers p21(Cip1/Waf1) accumulation to induce G 1 cell cycle arrest and promote apoptosis upon exposure to pro-apoptotic agents, and both of these mechanisms appear to be mediated by activated JNK signaling.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/rassf6/421614