

Rabbit Siah-2 Polyclonal Antibody | anti-Siah-2 antibody

Siah-2 Polyclonal Antibody

CATALOG # AAA295796	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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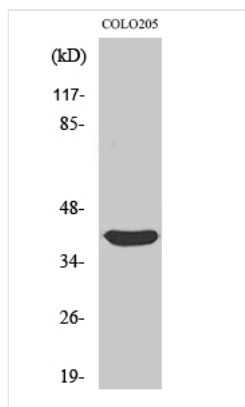
PRODUCT SYNONYMS

Siah-2; Polyclonal Antibody; Siah-2 Polyclonal Antibody; SIAH2; E3 ubiquitin-protein ligase SIAH2; Seven in absentia homolog 2; hSiah2; anti-Siah-2 antibody

PRODUCT SPECIFICATIONS

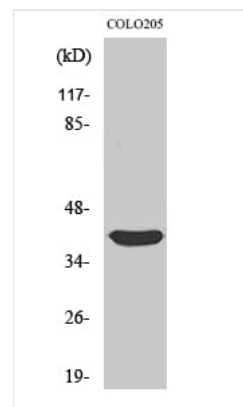
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-Siah-2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-Siah-2 antibody	E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin- conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates E3 ubiquitin ligase activity either through direct binding to substrates or by functioning as the essential RING domain subunit of larger E3 complexes. Triggers the ubiquitin-mediated degradation of many substrates, including proteins involved in transcription regulation (GPS2, POU2AF1, PML, NCOR1), a cell surface receptor (DCC), an antiapoptotic protein (BAG1), and a protein involved in synaptic vesicle function in neurons (SYP). Mediates ubiquitination and proteasomal degradation of DYRK2 in response to hypoxia. It is thereby involved in apoptosis, tumor suppression, cell cycle, transcription and signaling processes. Has some overlapping function with SIAH1. Triggers the ubiquitin- mediated degradation of TRAF2, whereas SIAH1 does not. Promotes monoubiquitination of SNCA. Regulates cellular clock function via ubiquitination of the circadian transcriptional repressors NR1D1 and NR1D2 leading to their proteasomal degradation. Plays an important role in mediating the rhythmic degradation/clearance of NR1D1 and NR1D2 contributing to their circadian profile of protein abundance (PubMed:26392558).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982899
NCBI GeneID	6478
NCBI Accession #	NP_005058.3
NCBI GenBank Nucleotide #	NM_005067.5
UniProt Accession #	O43255; O43270
Molecular Weight	34,615 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase SIAH2
NCBI Official Synonym Full Names	siah E3 ubiquitin protein ligase 2
NCBI Official Symbol	SIAH2
NCBI Official Synonym Symbols	hSiah2
NCBI Protein Information	E3 ubiquitin-protein ligase SIAH2; siah-2; seven in absentia homolog 2
UniProt Protein Name	E3 ubiquitin-protein ligase SIAH2
UniProt Gene Name	SIAH2
UniProt Synonym Gene Names	Siah-2; hSiah2
UniProt Entry Name	SIAH2_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.