



Siah-2 Monoclonal Antibody

Catalog No	YP-mAb-00523
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SIAH2
Immunogen	The antiserum was produced against synthesized peptide derived from human SIAH2. AA range:241-290
Specificity	Siah-2 Monoclonal Antibody detects endogenous levels of Siah-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5N16;E3 ubiquitin-protein ligase SIAH2;EC:2.3.2.27;hSiah2;RING-type E3 ubiquitin transferase SIAH2;Siah-2;SIAH2;Seven in absentia homolog 2
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cytoplasm . Nucleus . Predominantly cytoplasmic. Partially nuclear. .
Tissue Specificity	Widely expressed at low level.
Function	domain:The RING-type zinc finger domain is essential for ubiquitin ligase activity.,domain:The SBD domain (substrate-binding domain) mediates the homodimerization and the interaction with substrate proteins. It is related to the TRAF family.,function: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 (POU2AF1, PML, NCOR1), a cell



surface receptor (DCC), an antiapoptotic protein (B

Background

This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in regulating cellular response to hypoxia. [provided by RefSeq, Jul 2008],

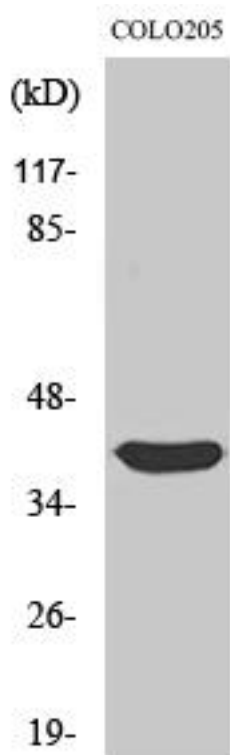
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Siah-2 Monoclonal Antibody