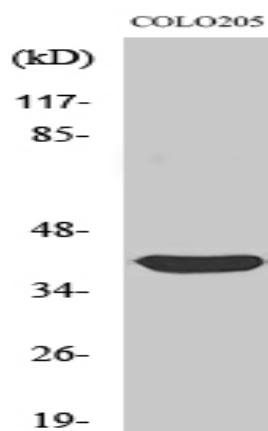


Siah-2 Polyclonal Antibody

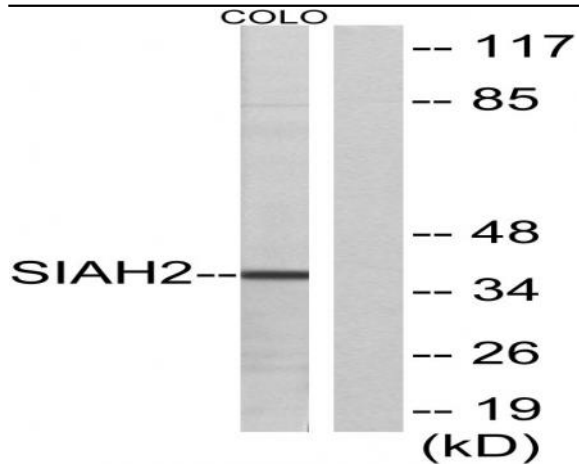
Catalog No :	YT4297
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Siah-2
Gene Name :	SIAH2
Protein Name :	E3 ubiquitin-protein ligase SIAH2
Human Gene Id :	6478
Human Swiss Prot No :	O43255
Mouse Gene Id :	20439
Mouse Swiss Prot No :	Q06986
Rat Gene Id :	140593
Rat Swiss Prot No :	Q8R4T2
Immunogen :	The antiserum was produced against synthesized peptide derived from human SIAH2. AA range:241-290
Specificity :	Siah-2 Polyclonal Antibody detects endogenous levels of Siah-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	38kD
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],
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
Subcellular Location :	Cytoplasm . Nucleus . Predominantly cytoplasmic. Partially nuclear. .
Expression :	Widely expressed at low level.

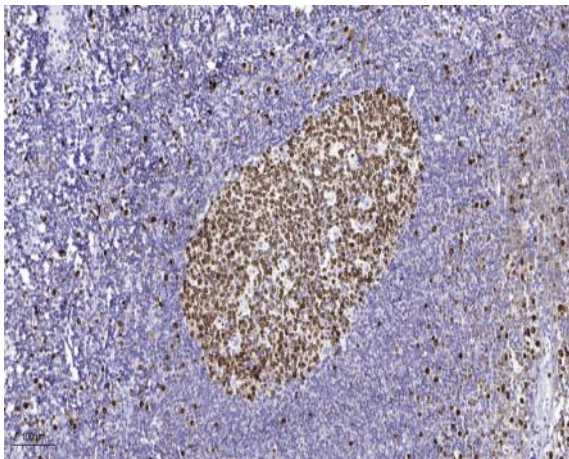
Products Images



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



Western blot analysis of lysates from COLO cells, using SIAH2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).