



Siah-2 rabbit pAb

Cat No.:ES3443

For research use only

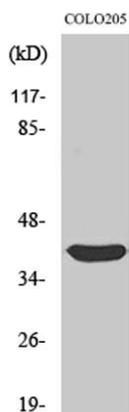
Overview

| | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Siah-2 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. |
| 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. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | E3 ubiquitin-protein ligase SIAH2 |
| Gene Name | SIAH2 |
| Cellular localization | Cytoplasm . Nucleus . Predominantly cytoplasmic. Partially nuclear. . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 38kD |
| Human Gene ID | 6478 |
| Human Swiss-Prot Number | O43255 |
| Alternative Names | SIAH2; E3 ubiquitin-protein ligase SIAH2; Seven in absentia homolog 2; Siah-2; hSiah2 |
| 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 |

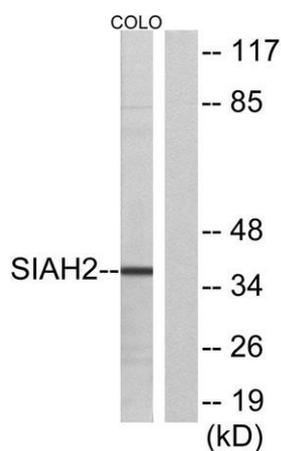




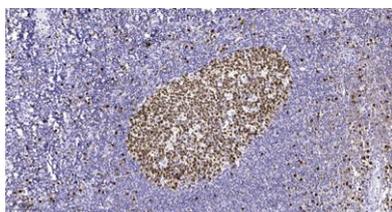
degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in regulating cellular response to hypoxia. [provided by RefSeq, Jul 2008],



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).

