

SIAH1 rabbit monoclonal antibody

Catalog # H00006477-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SIAH1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SIAH1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SIAH1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SIAH1

Entrez GeneID [6477](#)

GeneBank Accession# [SIAH1](#)

Gene Name SIAH1

Gene Alias FLJ08065, HUMSIAH, Siah-1, Siah-1a, hSIAH1

Gene Description seven in absentia homolog 1 (Drosophila)

Omim ID [602212](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized. [provided by RefSeq]

Other Designations seven in absentia homolog 1|sonic hedgehog homolog

Pathway

- [p53 signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)
- [Wnt signaling pathway](#)

Disease

- [Parkinson disease](#)