# SIAH3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | SIAH3, Polyclonal Antibody |
| **Full Product Name** | SIAH3, CT (SIAH3, Seven in absentia homolog 3) (MaxLight 550) |
| **Product Gene Name** | anti-SIAH3 antibody |
| **Product Synonym Names** | SIAH3; Seven in absentia homolog 3 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 30,660 Da |
| **OMIM** | 615609 |
| **3D Structure** | ModBase 3D Structure for Q8IW03 |
| **Immunogen** | SIAH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-217 amino acids from the C-terminal region of human SIAH3. |
| **Conjugate** | MaxLight550 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-SIAH3 antibody** | Antibodies; Proteins |
| **Applications Tested/Suitable for anti-SIAH3 antibody** | Western Blot (WB), FLISA |
| **Application Notes for anti-SIAH3 antibody** | WB: 1:100-500<br>FLISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-SIAH3 antibody** | MaxLight550 is a new Yellow-Green photostable dye conjugate comparable to Alexa Fluor546, 555, DyLight549, Cy3, TRITC and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (550nm); Emission (575nm); Extinction Coefficient 150,000. |
| **Product References and Citations for anti-SIAH3 antibody** | Rose, J. Phd, et al. Mol. Med. (2010). |
| **Other Notes** | Small volumes of anti-SIAH3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

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| **Searchable Terms for SIAH3 purchase** | MBS6347545 is an antibody targeting SIAH3. Also known as SIAH3, CT (SIAH3, Seven in absentia homolog 3) (MaxLight 550). Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SIAH3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 110578665 |
| **NCBI GeneID** | 283514 |
| **NCBI Accession #** | NP_942146.2 |
| **UniProt Primary Accession #** | Q8IW03 |
| **UniProt Secondary Accession #** | Q8N8M6; B7ZBP0 |
| **UniProt Related Accession #** | Q8IW03 |
| **GenBank Nucleotide #** | NM_198849.2 |
| **NCBI Official Full Name** | seven in absentia homolog 3 |
| **NCBI Official Synonym Full Names** | siah E3 ubiquitin protein ligase family member 3 |
| **NCBI Official Symbol** | SIAH3 |
| **UniProt Protein Name** | Seven in absentia homolog 3 |
| **Protein Family** | Seven in absentia |
| **UniProt Gene Name** | SIAH3 |
| **UniProt Synonym Gene Names** | Siah-3 |
| **UniProt Entry Name** | SIAH3_HUMAN |
| **NCBI Protein Information** | seven in absentia homolog 3 |
| **UniProt Comments for SIAH3** | SIAH3: Belongs to the SINA (Seven in absentia) family.<br><br>Chromosomal Location of Human Ortholog: 13q14.13<br><br>Cellular Component: mitochondrion; nucleus<br><br>Molecular Function: metal ion binding<br><br>Biological Process: ubiquitin-dependent protein catabolic process; multicellular organismal development |
| **Research Articles on SIAH3** | **1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator) |
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