

# Product Datasheet

## SIAH1 Antibody - BSA Free

### NBP2-20356

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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#### Publications: 2

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**NBP2-20356**

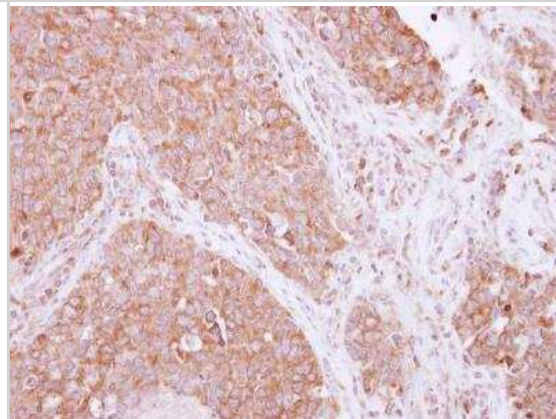
SIAH1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	31 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SIAH1 Antibody - BSA Free (NBP2-20356) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-SIAH1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6477
<b>Gene Symbol</b>	SIAH1
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human SIAH1. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation Reported in scientific literature (PMID: 25587023), Immunohistochemistry-Paraffin 1:100-1:1000, Proximity Ligation Assay Assay dependent

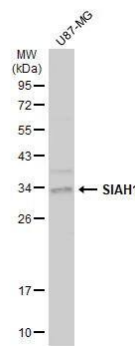


## Images

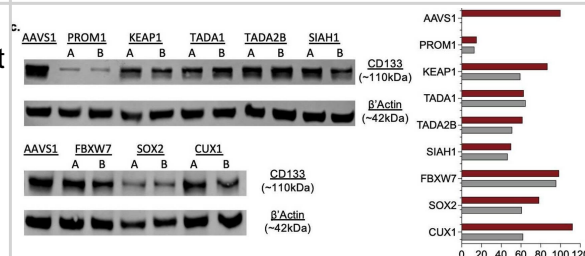
Immunohistochemistry-Paraffin: SIAH1 Antibody [NBP2-20356] - Human lung Papillary adenocarcinoma, using SIAH1 antibody at 1:250 dilution. Antigen Retrieval: Trility™ (EDTA based, pH 8.0) buffer, 15min.



Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with SIAH1 antibody (NBP2-20356) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Investigating Functional Role of Hits in CD133 Regulation and Stemness. (a) Characterization of CD133 surface levels in pooled patient derived GSC BT935 samples after knockouts of candidate genes. (b) Measurements of Mean Fluorescence Intensity of CD133 surface levels in pooled patient derived GSC BT935 samples after knockouts of candidate genes. (c) Immunoblot bands of CD133 and beta-actin (loading control) after pooled knockouts of candidate genes in BT935. Protein quantification of normalization (right) to control AAVS1 lane after knockouts of candidate genes. Original blots/gels are presented in Supplementary Fig. 7 and quantifications provided in Supplementary Table 2. (d) Self-renewal capacity readout of GSC BT935 samples after pooled knockouts of candidate genes (n = 9). (e) Proliferative capacity readout of GSC BT935 samples after knockouts of candidate genes (n = 9). All statistical significance analysis was determined using paired t-tests. The p-values of biological processes are represented by; ns (not significant); p < 0.05 (\*), p < 0.01 (\*\*), p < 0.001 (\*\*\*). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/41102523>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Savage N, Danis E, Chokshi C et al. CRISPR screen reveals SOX2 as a critical regulator of CD133 and cellular stress response in glioblastoma. *Scientific reports* 2025-10-17 [PMID: 41102523]

Xiang L, Gilkes DM, Hu H et al. Hypoxia-inducible factor 1 mediates TAZ expression and nuclear localization to induce the breast cancer stem cell phenotype. *Oncotarget*. 2014-01-01 [PMID: 25587023] (IP, WB, Human)



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### **Products Related to NBP2-20356**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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