

Rabbit anti-Human SmcHD1 Polyclonal Antibody | anti-SmcHD1 antibody

Rabbit anti-SmcHD1 Antibody, Affinity Purified

CATALOG # AAA212059	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

SmcHD1; Polyclonal Antibody; Rabbit anti-SmcHD1 Antibody; Affinity Purified; BAMS; structural maintenance of chromosomes flexible hinge domain-containing protein 1; FSHD2; SMC hinge domain-containing protein 1; Structural maintenance of chromosomes flexible hinge domain-containing protein 1; structural maintenance of chromosomes flexible hinge domain containing 1; anti-SmcHD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-SmcHD1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1955 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human SmcHD1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SmcHD1 antibody AAA212059 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. SmcHD1 was also immunoprecipitated by rabbit anti-SmcHD1 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).



IHC (Immunohistochemistry)

Detection of human SmcHD1 by immunohistochemistry. Sample: FFPE section of human non-small cell lung cancer (left) and testicular seminoma (right). Antibody: Affinity purified rabbit anti-SmcHD1 (Cat. No. AAA212059 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate

ADDITIONAL INFORMATION

Related Product Information for anti-SmcHD1 antibody	SmcHD1 (structural maintenance of chromosomes flexible hinge domain-containing protein 1) has been shown to play a role in the maintenance of X-inactivation and the hypermethylation of CpG islands associated with inactive X.
Product Categories/Family for anti-SmcHD1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148839305
NCBI GeneID	23347
NCBI Accession #	NP_056110.2
NCBI GenBank Nucleotide #	NM_015295.2
UniProt Accession #	A6NHR9; O75141; Q6AHX6; Q6ZTQ8; Q9H6Q2; Q9UG39
Molecular Weight	226,374 Da
NCBI Official Full Name	structural maintenance of chromosomes flexible hinge domain-containing protein 1
NCBI Official Synonym Full Names	structural maintenance of chromosomes flexible hinge domain containing 1
NCBI Official Symbol	SMCHD1
NCBI Protein Information	structural maintenance of chromosomes flexible hinge domain-containing protein 1; SMC hinge domain-containing protein 1
UniProt Protein Name	Structural maintenance of chromosomes flexible hinge domain-containing protein 1
UniProt Gene Name	SMCHD1
UniProt Synonym Gene Names	KIAA0650
UniProt Entry Name	SMHD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smchd1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212059>