

Anti-SMCHD1 Antibody (9K730)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 226 kDa. Actual: 220 kDa.
Clone:	9K730
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">25 µg total protein per lane of various lysates (see on figure) probed with SMCHD1 monoclonal antibody, unconjugated (TMAB-12970) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SMCHD1 Monoclonal Antibody, Unconjugated (TMAB-12970) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SMCHD1 Monoclonal Antibody, Unconjugated (TMAB-12970) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SMCHD1 Monoclonal Antibody, Unconjugated (TMAB-12970) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with SMCHD1 Monoclonal Antibody, Unconjugated (TMAB-12970) at 1: 200 overnight at 4°C. Followed by conjugated Goat Anti-Ratbbit IgG antibody (Red), DAPI (blue) was used to stain the cell nuclei.
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human SMCHD1
Antigen Species: Human
Gene ID: 23347
Uniprot ID: A6NHR9

Research Background

Non-canonical member of the structural maintenance of chromosomes (SMC) protein family that plays a key role in epigenetic silencing by regulating chromatin architecture. Promotes heterochromatin formation in both autosomes and chromosome X, probably by mediating the merge of chromatin compartments. Plays a key role in chromosome X inactivation in females by promoting the spreading of heterochromatin.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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