KIAA1310 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KIAA1310, Polyclonal Antibody
Full Product Name	KIAA1310 (Center) Rabbit pAb
Product Gene Name	anti-KIAA1310 antibody
Product Synonym Names	KAT8 regulatory NSL complex subunit 3; NSL complex protein NSL3; Non-specific lethal 3 homolog; Serum inhibited-related protein; Testis development protein PRTD; KANSL3; KIAA1310; NSL3; PRTD; SI1
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB24189
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
3D Structure	ModBase 3D Structure for Q9P2N6
Immunogen	This KIAA1310 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 398-427 amino acids from the central region of human KIAA1310.
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KIAA1310 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-KIAA1310 antibody	WB: 1:1000 IHC: 1:50-100
Related Product Information for anti-KIAA1310 antibody	MBS8551327 is an antibody targeting KIAA1310. Also known as KIAA1310 (Center) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-KIAA1310 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIAA1310. It may not necessarily be applicable to this product.

NCBI GI #	169234787
NCBI GeneID	55683
NCBI Accession #	NP_001108488.1
UniProt Primary Accession #	Q9P2N6
UniProt Related Accession #	Q9P2N6

GenBank Nucleotide #	NP_001108488.1
NCBI Official Full Name	KAT8 regulatory NSL complex subunit 3 isoform 1
NCBI Official Synonym Full Names	KAT8 regulatory NSL complex subunit 3
NCBI Official Symbol	KANSL3
NCBI Official Synonym Symbols	NSL3; Rcd1; KIAA1310
UniProt Protein Name	KAT8 regulatory NSL complex subunit 3
UniProt Synonym Protein Names	NSL complex protein NSL3; Non-specific lethal 3 homolog; Serum inhibited-related protein; Testis development protein PRTD
UniProt Gene Name	KANSL3
UniProt Synonym Gene Names	KIAA1310; NSL3; PRTD; SI1
UniProt Entry Name	KANL3_HUMAN
NCBI Protein Information	KAT8 regulatory NSL complex subunit 3
UniProt Comments for KIAA1310	KANSL3: a protein of unknown function. Protein type: Unknown function Chromosomal Location of Human Ortholog: 2q11.2 Cellular Component: nucleoplasm; intracellular membrane-bound organelle; nucleolus; nucleus; histone acetyltransferase complex Molecular Function: histone acetyltransferase activity (H4-K16 specific) Biological Process: establishment and/or maintenance of chromatin architecture
Research Articles on KIAA1310	**1.** Data suggest that O-GlcNAc transferase 1 (OGT1) specifically binds to, O-GlcNAcylates, and stabilizes nonspecific lethal protein3 (NSL3); stabilization of NSL3 by OGT1 up-regulates global acetylation levels of histone 4 at Lys-5, Lys-8, and Lys-16.
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