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anti-SEC31A antibody (N-Term)

2 Images



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OVERVIEW		
Quantity:	100 μL	
Target:	SEC31A	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SEC31A antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human	
	SEC31A. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Mouse (Murine), Chicken, Rat (Rattus), Zebrafish (Danio rerio), Cow (Bovine)	
Cross-Reactivity (Details):	Mouse (98 %), Chicken (93 %), Rat (97 %), Zebrafish (81 %), Bovine (97 %)	
Characteristics:	Rabbit Polyclonal antibody to SEC31A (SEC31 homolog A (S. cerevisiae))	
	SEC31A antibody [N1N3]	
Purification:	Purified by antigen-affinity chromatography.	

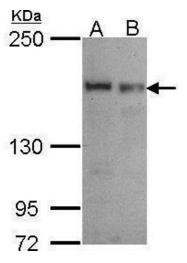
Target Details

rarget Details		
Target:	SEC31A	
Alternative Name:	SEC31A (SEC31A Products)	
Background:	The protein encoded by this gene is similar to yeast Sec31 protein. Yeast Sec31 protein is	
	known to be a component of the COPII protein complex which is responsible for vesicle	
	budding from endoplasmic reticulum (ER). This protein was found to colocalize with SEC13,	
	one of the other components of COPII, in the subcellular structures corresponding to the	
	vesicle transport function. An immunodepletion experiment confirmed that this protein is	
	required for ER-Golgi transport. Alternative splicing results in multiple transcript variants	
	encoding different isoforms.	
Molecular Weight:	133 kDa	
Gene ID:	22872	
Pathways:	ER-Nucleus Signaling	
Application Details		
Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000*	
	Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations	
	should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed	
	paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*	
Comment:	Positive Control: A549 , HeLa , Jurkat , NT2D1	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.7 mg/mL	
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC	
	which should be handled by trained staff only.	
Storage:	-20 °C	

Storage Comment:

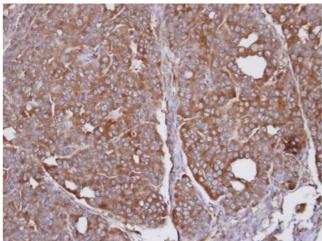
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A549 B: Hela 5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using SEC31A, antibody at 1:100 dilution.