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anti-ST3GAL3 antibody (C-Term)





Go to Product page

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Quantity:	100 μL
Target:	ST3GAL3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ST3GAL3
Sequence:	GFGYDMSTPN APLHYYETVR MAAIKESWTH NIQREKEFLR KLVKARVITD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 92%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ST3GAL3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified
Target Details	
Target:	ST3GAL3

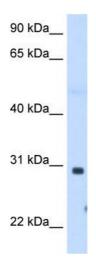
Target Details

Alternative Name:	ST3GAL3 (ST3GAL3 Products)	
Background:	ST3GAL3 is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-	
	sialic acid to galactose-containing substrates. ST3GAL3 is normally found in the Golgi	
	apparatus but can be proteolytically processed to a soluble form. This protein is a member of	
	glycosyltransferase family 29.The protein encoded by this gene is a type II membrane protein	
	that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing	
	substrates. The encoded protein is normally found in the Golgi apparatus but can be	
	proteolytically processed to a soluble form. This protein is a member of glycosyltransferase	
	family 29. Multiple transcript variants encoding several different isoforms have been found for	
	this gene.	
	Alias Symbols: SIAT6, ST3GALII, ST3GalIII, ST3N, MRT12	
	Protein Interaction Partner: RPL8, ZBTB5, SCAMP2, TTR, ACTG1,	
	Protein Size: 268	
Molecular Weight:	30 kDa	
Gene ID:	6487	
NCBI Accession:	NM_001270459	
UniProt:	Q11203	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 268 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ST3GAL3 Antibody Titration:1.25ug/ml Positive Control: Human Muscle