

Datasheet for ABIN781547

anti-NANS antibody

2 Images

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Overview

Quantity:	0.1 mL
Target:	NANS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NANS antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Clone:	AT1G6
Isotype:	IgG1
Specificity:	The antibody recognizes human NANS. Other species not tested.
Purification:	Protein-G affinity chromatography

Target Details

Target:	NANS
Alternative Name:	NANS (NANS Products)
Background:	NANS (Sialic acids synthase) is an enzyme that functions in the biosynthetic pathways of sialic acids. Expressed ubiquitously, NANS enzymatically catalyzes the H ₂ O-dependent formation of N-acetylneuraminic acid (Neu5Ac) and 2-keto-3-deoxy-D-glycero - D-galactono- nononic acid (KDN), both of which are sialic acids. NANS uses N-acetylmannosamine 6-

Target Details

	phosphate as a substrate for Neu5Ac synthesis and mannose 6-phosphate as a substrate for KDN synthesis.Synonyms: N-acetylneuraminate synthase, SAS, Sialic acid synthase
Gene ID:	54187

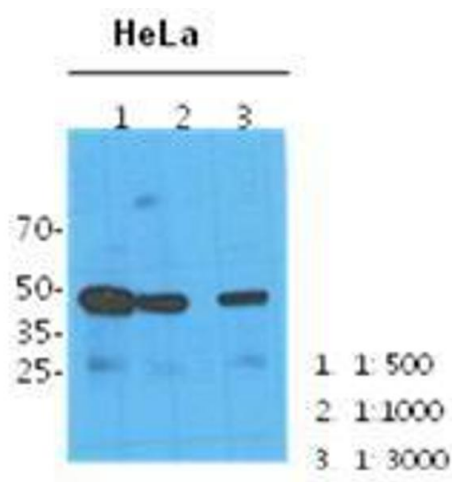
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

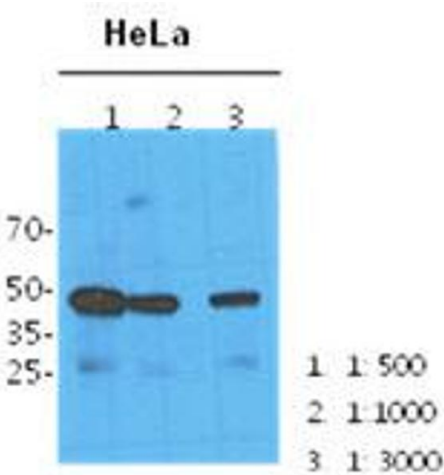
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



Western Blotting

Image 1.



Western Blotting

Image 2.