



# Rabbit Anti-Sialic Acid Polyclonal Antibody (CABT-Z313R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	The antibody is a rabbit polyclonal antibody raised against Sialic Acid. It has been selected for its ability to recognize Sialic Acid in immunohistochemical staining and western blotting.
<b>Immunogen</b>	Recombinant Small Molecule, Sialic Acid conjugated to OVA expressed in E.coli.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Purification</b>	Purified by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC, IHC-P, IHC-F, ELISA Recommended dilution: WB: 1:100-400, ICC: 1:100-500, IHC-P:1:50-200, IHC-F: 1:100-500, ELISA: 1:100-200
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.
<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	Store at 4°C for frequent use. Store at -20°C to -80°C for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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# BACKGROUND

Introduction	Sialic acid is a generic term for a family of derivatives of neuraminic acid, an acidic sugar with a nine-carbon backbone. It is also the name for the most common member of this group, N-acetylneuraminic acid (Neu5Ac or NANA). In humans the brain has the highest sialic acid concentration, where these acids play an important role in neural transmission and ganglioside structure in synaptogenesis.
Keywords	SA;Sialic Acid;N-acetylneuraminic acid;Neu5Ac;NANA

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