

Datasheet for ABIN7295854
anti-GUCY1A1 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	GUCY1A1
Binding Specificity:	Center
Reactivity:	Human, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GUCY1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GUCY1A3.
Specificity:	Recognizes endogenous levels of GUCY1A3 protein.
Characteristics:	Rabbit polyclonal antibody to GUCY1A3
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	GUCY1A1
Alternative Name:	GUCY1A3 (GUCY1A1 Products)
Background:	GUC1A3, GUCSA3, GUCY1A1, Guanylate cyclase soluble subunit alpha-3, GCS-alpha-3, GCS-

Target Details

	alpha-1, Soluble guanylate cyclase large subunit
Gene ID:	2982
UniProt:	Q02108
Pathways:	Myometrial Relaxation and Contraction

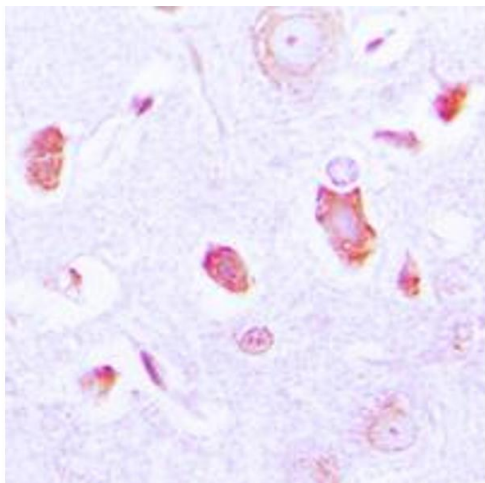
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of GUCY1A3 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with

haematoxylin and mounted with DPX.

Western Blotting

Image 2. Western blot analysis of GUCY1A3 expression in THP1 (A), KNRK (B) whole cell lysates.

