Datasheet for ABIN6263748
anti-NT5C2 antibody

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Overview

Quantity:	100 μL
Target:	NT5C2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human NT5C2
Isotype:	IgG
Specificity:	NT5C2 Antibody detects endogenous levels of total NT5C2
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink^{TM} Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	NT5C2
Alternative Name:	NT5C2 (NT5C2 Products)
Background:	Description: May have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. Preferentially hydrolyzes inosine 5'-monophosphate (IMP) and other purine nucleotides.

Target Details

	Gene: NT5C2
Molecular Weight:	65 kDa
Gene ID:	22978
UniProt:	P49902

Application Details

Application Notes:	WB 1:1000-3000 IHC 1:200
Restrictions:	For Research Use only

Handling

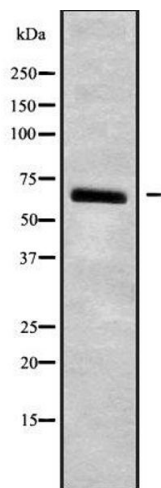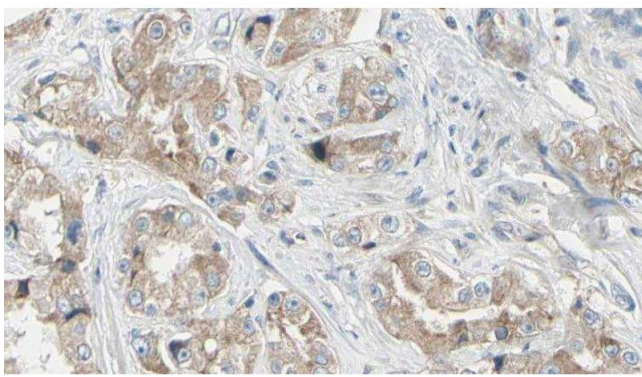|	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

Images

Image 1. Western blot analysis NT5C2 using NIH-3T3 whole cell lysates

Immunohistochemistry

Image 2. ABIN6279343 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary