

Datasheet for ABIN7605216 **anti-IDH1 antibody**

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Overview

Quantity:	100 µL
Target:	IDH1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IDH1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-IDH1 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human IDH1
Clone:	23I10
Isotype:	IgG
Characteristics:	Anti-IDH1 Rabbit Monoclonal Antibody (ABIN7605216). Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	IDH1
Alternative Name:	IDH1 (IDH1 Products)

Target Details

Background:	Synonyms: E3 ubiquitin-protein ligase parkin,Parkin,6.3.2.-,Parkinson juvenile disease protein 2,Parkinson disease protein 2,PARK2,PRKN, Tissue Specificity: Highly expressed in the brain including the substantia nigra. Expressed in heart, testis and skeletal muscle. Expression is down-regulated or absent in tumor biopsies, and absent in the brain of PARK2 patients. Overexpression protects dopamine neurons from kainate-mediated apoptosis. Found in serum (at protein level). .
Molecular Weight:	47 kDa
UniProt:	O75874
Pathways:	Warburg Effect

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
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:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.