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Overview

Quantity:	100 μL
Target:	IDH2
Binding Specificity:	AA 251-350
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IDH2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IDH2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Horse
Purification:	Purified by Protein A.

Target Details

				IDH2	Target:
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Target Details

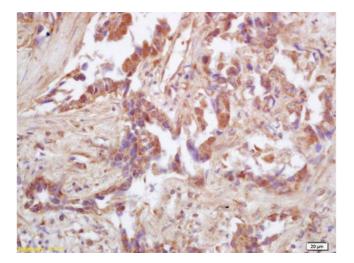
Alternative Name:	IDH2 (IDH2 Products)
Background:	Synonyms: IDH, IDP, IDHM, IDPM, ICD-M, D2HGA2, mNADP-IDH, Isocitrate dehydrogenase [NADP], mitochondrial, NADP(+)-specific ICDH, Oxalosuccinate decarboxylase, IDH2 Background: Plays a role in intermediary metabolism and energy production. It may tightly associate or interact with the pyruvate dehydrogenase complex.
Gene ID:	3418
UniProt:	P48735
Pathways:	Warburg Effect

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

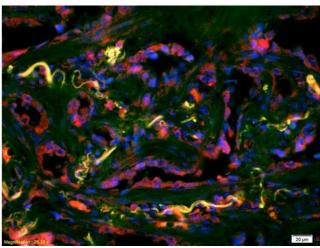
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



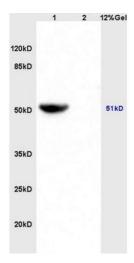
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti IDH2 Polyclonal Antibody, Unconjugated (ABIN751558) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 2. Formalin-fixed and paraffin-embedded lung carcinoma labeled with Anti-IDH2 Polyclonal Antibody, Unconjugated (ABIN751558) 1:200, overnight at 4°C, The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C.



SDS-PAGE

Image 3. Lane 1: mouse heart lysates Lane 2: mouse brain lysates probed with Anti IDH2 Polyclonal Antibody, Unconjugated (ABIN751558) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 51kD. Observed band size: 51kD.