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Datasheet for ABIN7091165
anti-GLS2 antibody

Overview

Quantity:	100 µL
Target:	GLS2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GLS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant human GLS2.
Clone:	Y09A1
Predicted Reactivity:	Human,Mouse

Target Details

Target:	GLS2
Alternative Name:	GLS2 (GLS2 Products)
Background:	Synonyms: breast cell glutaminase, GLSL_HUMAN, glutaminase 2 (liver mitochondrial), glutaminase 2, glutaminase GA, glutaminase I, Glutaminase liver isoform, hLGA, L glutaminase, L glutamine amidohydrolase, L-glutaminase, L-glutamine amidohydrolase, LGA, mitochondrial, phosphate activated glutaminase, phosphate-dependent glutaminase. Background: Plays an important role in the regulation of glutamine catabolism. Promotes

Target Details

mitochondrial respiration and increases ATP generation in cells by catalyzing the synthesis of glutamate and alpha-ketoglutarate. Increases cellular anti-oxidant function via NADH and glutathione production. May play a role in preventing tumor proliferation.

Gene ID: 27165

UniProt: [Q9UI32](#)

Pathways: [Dicarboxylic Acid Transport](#), [Warburg Effect](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Concentration: 0.5 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