Datasheet for ABIN561055

anti-Glutaminase antibody (AA 580-669)

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Overview

Quantity:	50 µL
Target:	Glutaminase (GLS)
Binding Specificity:	AA 580-669
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Glutaminase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse polyclonal antibody raised against a partial recombinant GLS.
Immunogen:	GLS (NP_055720, 580 a.a. ~ 669 a.a) partial recombinant protein with GST tag.
Sequence:	EQRDYDSRTA LHVAAAEGHV EVVKFLLEAC KVNPFPKDRW NNTPMDEALH FGHHDVFKIL QEYQVQYTPQ GDSDNGKENQ TVHKNLDGLL
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Glutaminase (GLS)
Alternative Name:	GLS (GLS Products)

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Target Details

Background:	Full Gene Name: glutaminase Synonyms: AAD20,DKFZp686O15119,FLJ10358,GLS1,KIAA0838
Gene ID:	2744
NCBI Accession:	NM_014905
Pathways:	Feeding Behaviour, Dicarboxylic Acid Transport, Warburg Effect

Application Details

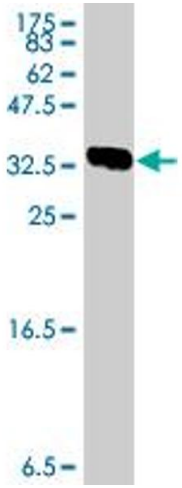
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	50 % glycerol
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Shajahan-Haq, Cook, Schwartz-Roberts, Eltayeb, Demas, Warri, Facey, Hilakivi-Clarke, Clarke: " MYC regulates the unfolded protein response and glucose and glutamine uptake in endocrine resistant breast cancer." in: **Molecular cancer**, Vol. 13, pp. 239, (2014) (PubMed).



Western Blotting

Image 1. Western Blot detection against Immunogen (36.01 KDa) .

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