

ARG57068 anti-QPRT antibody [24C4]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [24C4] recognizes QPRT
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	24C4
Isotype	IgG2a, kappa
Target Name	QPRT
Species	Human
Immunogen	Recombinant fragment around aa. 1-297 of Human QPRT.
Conjugation	Un-conjugated
Alternate Names	QAPRTase; QPRTase; Quinolate phosphoribosyltransferase [decarboxylating]; HEL-S-90n; Nicotinate-nucleotide pyrophosphorylase [carboxylating]; EC 2.4.2.19

Application Instructions

Application table	Application	Dilution
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

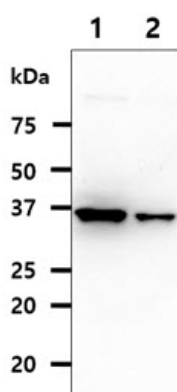
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 23475 Human Swiss-port # Q15274 Human
Gene Symbol	QPRT
Gene Full Name	quinolinate phosphoribosyltransferase
Background	This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous excitotoxin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. [provided by RefSeq, Jul 2008]
Function	Involved in the catabolism of quinolinic acid (QA). [UniProt]
Calculated Mw	31 kDa

Images



ARG57068 anti-QPRT antibody [24C4] WB image

Western blot: 40 µg of 1) HepG2 cell lysate, 2) K562 cell lysate stained with ARG57068 anti-QPRT antibody [24C4] at 1:1000.