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QPRT Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14383b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q15274
Other Accession	NP_055113.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34298
Calculated MW	30846
Antigen Region	206-234

Additional Information

Gene ID	23475
Other Names	Nicotinate-nucleotide pyrophosphorylase [carboxylating], Quinolinate phosphoribosyltransferase [decarboxylating], QAPRTase, QPRTase, QPRT
Target/Specificity	This QPRT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-234 amino acids from the C-terminal region of human QPRT.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	QPRT Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	QPRT
Function	Involved in the catabolism of quinolinic acid (QA).

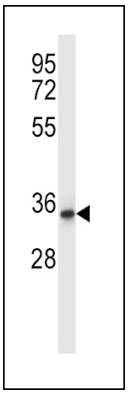
Background

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 exitotoxin 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.

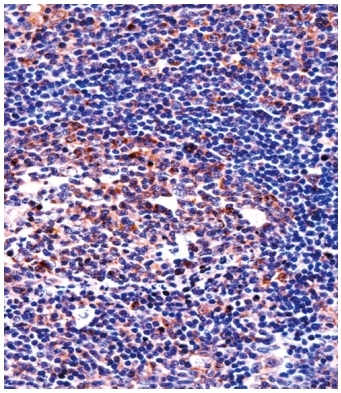
References

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Images



QPRT Antibody (C-term) (Cat. #AP14383b) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the QPRT antibody detected the QPRT protein (arrow).



QPRT Antibody (C-term) (AP14383b)immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of QPRT Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.