

For Research Use Only

KMO Monoclonal antibody

Catalog Number: 60029-1-Ig **6 Publications**



Basic Information

Catalog Number: 60029-1-Ig	GenBank Accession Number: BC005297	Purification Method: Protein A purification
Size: 150ul , Concentration: 620 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8564	CloneNo.: 2D2F2
Source: Mouse	UNIPROT ID: O15229	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	
Immunogen Catalog Number: AG1109	Calculated MW: 486 aa, 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PC-3 cells, SKOV-3 cells
Cited Applications: WB, IHC, IF	
Species Specificity: human	
Cited Species: human, mouse, rat	

Background Information

KMO(Kynurenine 3-monooxygenase) is a membrane protein located on the outer membrane of mitochondria. Tissue distribution studies have revealed that, in rats, highest enzyme activity is found in kidney and liver, with brain having the least activity in comparison to peripheral organs(PMID: 9237672).

Notable Publications

Author	Pubmed ID	Journal	Application
NANAKA MORITA	34584567	Oncol Lett	IHC
Ron Korstanje	27020856	J Am Soc Nephrol	IF
Edit Bosnyák	26092774	Neuro Oncol	IHC

Storage

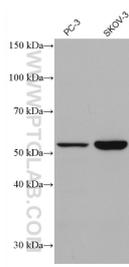
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60029-1-Ig (KMO antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.