

## ARG45231 anti-KMO antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes KMO
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	KMO
Species	Human
Immunogen	Recombinant protein containing to human KMO.
Conjugation	Un-conjugated
Alternate Names	KMO; Kynurenine 3-Monooxygenase; Kynurenine 3-Hydroxylase; EC 1.14.13.9; Kynurenine 3-Monooxygenase (Kynurenine 3-Hydroxylase); DJ317G22.1

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	50 kDa	

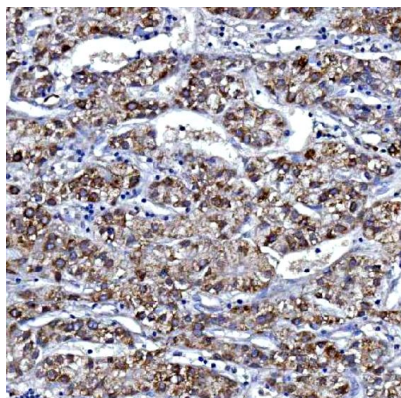
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 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 or below. 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.

## Bioinformation

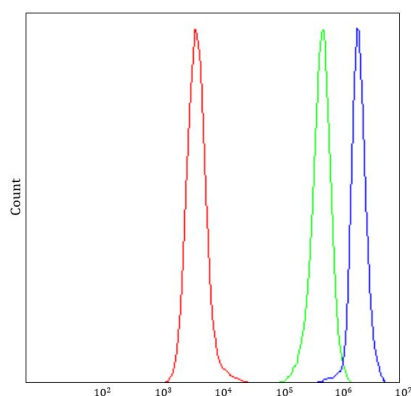
Gene Symbol	KMO
Gene Full Name	Kynurenine 3-Monooxygenase
Background	This gene encodes a mitochondrion outer membrane protein that catalyzes the hydroxylation of L-tryptophan metabolite, L-kynurenine, to form L-3-hydroxykynurenine. Studies in yeast identified this gene as a therapeutic target for Huntington disease. [provided by RefSeq, Oct 2011]
Function	Catalyzes the hydroxylation of L-kynurenine (L-Kyn) to form 3-hydroxy-L-kynurenine (L-3OHKyn). [UniProt]
Calculated Mw	56 kDa
PTM	Glycoprotein. [UniProt]
Cellular Localization	Membrane; Mitochondrion; Mitochondrion outer membrane. [UniProt]

## Images



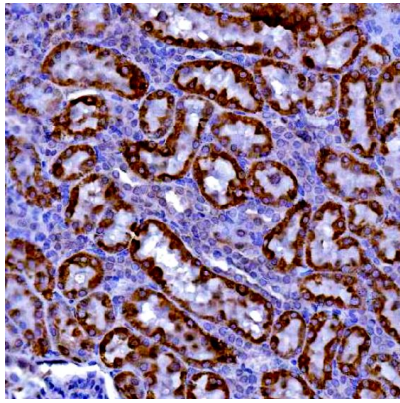
ARG45231 anti-KMO antibody IHC-P image

Immunohistochemistry: Human liver cancer stained with ARG45231 anti-KMO antibody at 2 µg/ml dilution.



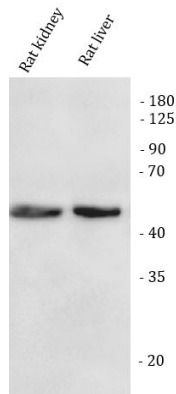
ARG45231 anti-KMO antibody FACS image

Flow Cytometry: Daudi stained with ARG45231 anti-KMO antibody at 1 µg/10<sup>6</sup> cells dilution.



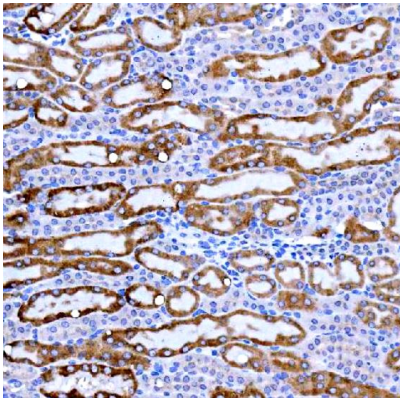
ARG45231 anti-KMO antibody IHC-P image

Immunohistochemistry: Rat kidney stained with ARG45231 anti-KMO antibody at 2 µg/ml dilution.



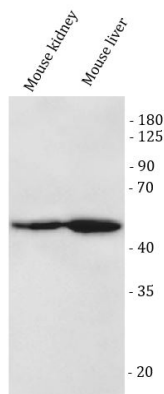
ARG45231 anti-KMO antibody WB image

Western blot: Rat kidney and rat liver stained with ARG45231 anti-KMO antibody at 0.5 µg/ml dilution.



ARG45231 anti-KMO antibody IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45231 anti-KMO antibody at 2 µg/ml dilution.



ARG45231 anti-KMO antibody WB image

Western blot: Mouse kidney and mouse liver stained with ARG45231 anti-KMO antibody at 0.5 µg/ml dilution.