

MRPL38 Antibody

CAB18239

Description

This MRPL38 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB18239
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	L38MT, RPML3, MRP-L3, HSPC262, MRP-L38, MRPL38
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	-
Reactivity:	Human, Mouse, Rat

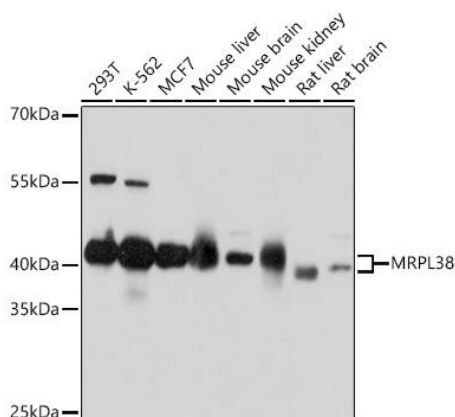
Antibody Data

Gene ID:	64978
Uniprot:	AB_2862015
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	44kDa
Calculated MW:	45kDa

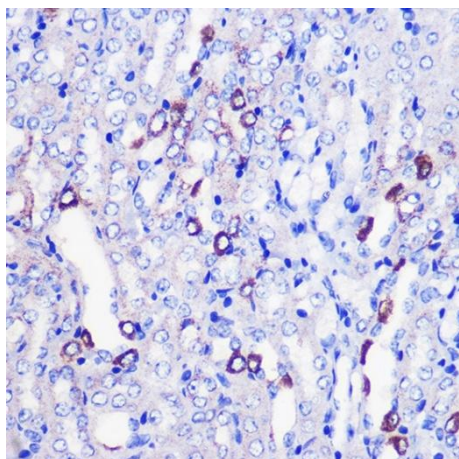
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.	
Positive Sample:	293T, K-562, MCF7, Mouse liver, Mouse brain, Mouse kidney, Rat liver, Rat brain	
Recommended Dilutions:	WB	1:500 - 1:2000
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol	

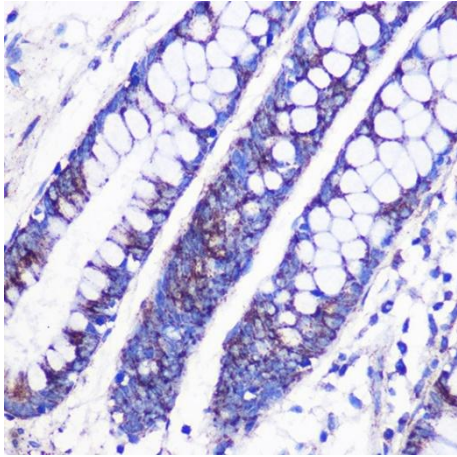
Validation Data



Western blot analysis of various lysates using MRPL38 Rabbit pAb (CAB18239) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using MRPL38 Rabbit pAb (CAB18239) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon using MRPL38 Rabbit pAb (CAB18239) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.