

Rabbit Fumarase Polyclonal Antibody | anti-FUM antibody

Fumarase (FUM) Polyclonal Antibody

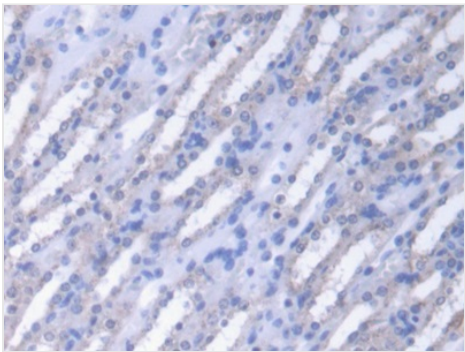
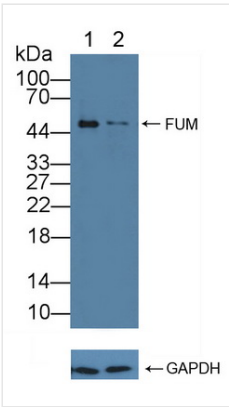
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144767	Rabbit	Mouse, Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Fumarase; Polyclonal Antibody; Fumarase (FUM) Polyclonal Antibody; FH; Fumarate Hydratase; mitochondrial; anti-FUM antibody

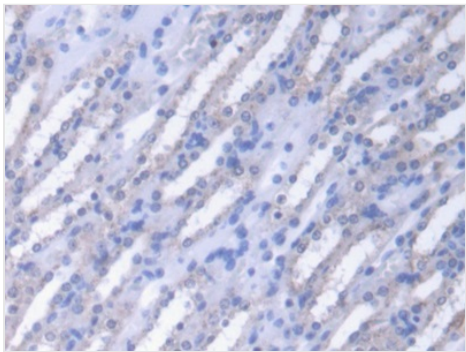
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against FUM. It has been selected for its ability to recognize FUM in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	510
Applicable Applications for anti-FUM antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse, Rat
Organism Species	Mouse
Fragment	FUM (Ala42~Asn185)
Quality Control	Content: The quality control contains recombinant FUM (Ala42~Asn185) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

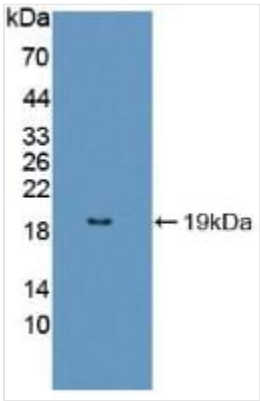


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue

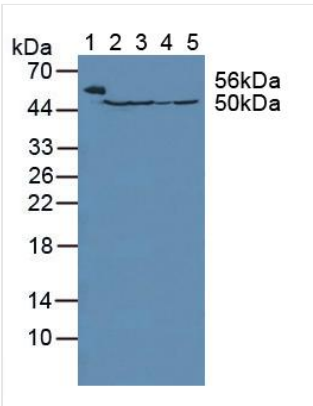
Application Data
Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: FUM knockout HeLa cell lysate; Predicted MW: 54,50kd Observed MW: 50kd Primary Ab: 1ug/ml Rabbit Anti-Mouse FUM Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant FUM, Mouse.



WB (Western Blot)
Western Blot: Sample: Lane1: Mouse Serum; Lane2: Mouse Liver Tissue; Lane3: Rat Liver TissueL; Lane4: Mouse Placenta Tissue; Lane5: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FUM antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226823367
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NCBI GeneID	14194
NCBI Accession #	NP_034339.2
NCBI GenBank Nucleotide #	NM_010209.2
UniProt Accession #	P97807; Q3UIA9; Q99JL0; Q9DCX0
Molecular Weight	50,053 Da
NCBI Official Full Name	fumarate hydratase, mitochondrial
NCBI Official Synonym Full Names	fumarate hydratase 1
NCBI Official Symbol	Fh1
NCBI Official Synonym Symbols	Fh; Fh-1
NCBI Protein Information	fumarate hydratase, mitochondrial
UniProt Protein Name	Fumarate hydratase, mitochondrial
UniProt Gene Name	Fh
UniProt Synonym Gene Names	Fh1; Fumarase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fumarase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144767>