

Rabbit anti-Rat Glutathione S Transferase Mu 4 Polyclonal Antibody | anti-GSTm4 antibody

Glutathione S Transferase Mu 4 (GSTm4) Polyclonal Antibody

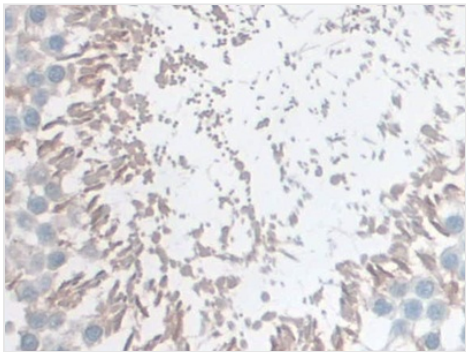
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21016	Rabbit	Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

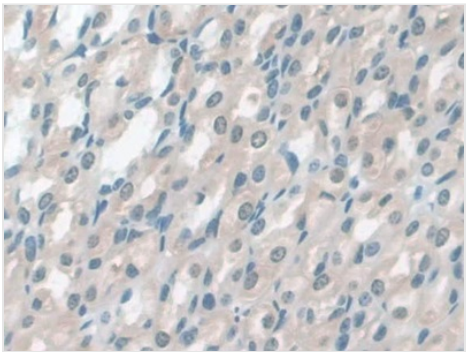
Glutathione S Transferase Mu 4; Polyclonal Antibody; Glutathione S Transferase Mu 4 (GSTm4) Polyclonal Antibody; GST-M4; GSTM4-4; GTM4; anti-GSTm4 antibody

PRODUCT SPECIFICATIONS

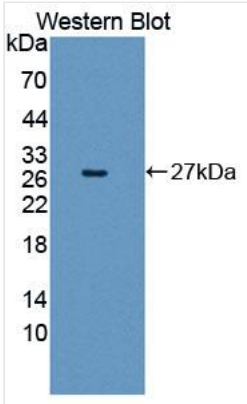
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GSTm4. It has been selected for its ability to recognize GSTm4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	218
Applicable Applications for anti-GSTm4 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Rat
Organism Species	Rat
Fragment	GSTm4 (Leu21~Trp215)
Quality Control	Content: The quality control contains recombinant GSTm4 (Leu21~Trp215) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (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%.
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.



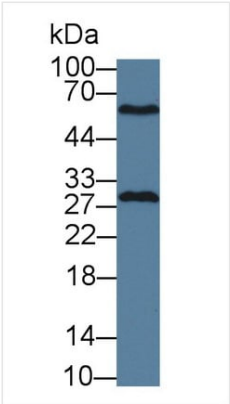
IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Kidney tissue



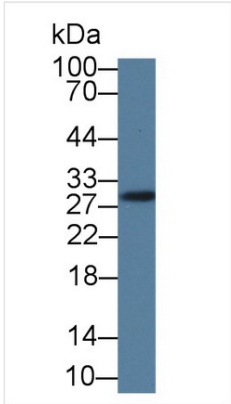
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Stomach Tissue



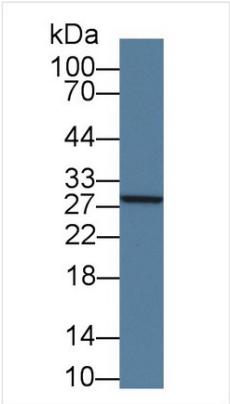
WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat GSTm4
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Rat Heart lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat GSTm4
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Rat Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Rat GSTm4
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13592152
NCBI GeneID	81869
NCBI Accession #	NP_112416.1
NCBI GenBank Nucleotide #	NM_031154.1
UniProt Accession #	P08009

Molecular Weight	25,681 Da
NCBI Official Full Name	glutathione S-transferase Yb-3
NCBI Official Synonym Full Names	glutathione S-transferase, mu 7
NCBI Official Symbol	Gstm7
NCBI Official Synonym Symbols	Gstm3
NCBI Protein Information	glutathione S-transferase Yb-3
UniProt Protein Name	Glutathione S-transferase Yb-3
UniProt Gene Name	Gstm3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/glutathione-s-transferase-mu-4-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/21016>