

Rabbit anti-Human GST3/GSTP1 Monoclonal Antibody | anti-GSTP1 antibody

GST3/GSTP1 Rabbit mAb

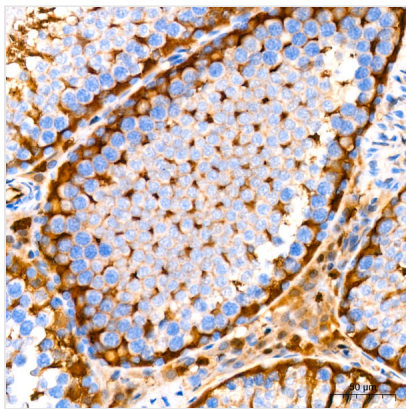
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28477	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

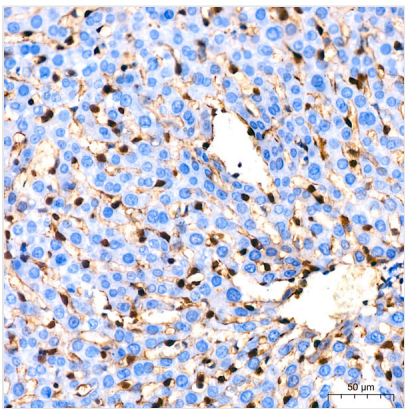
GST3/GSTP1; Monoclonal Antibody; GST3/GSTP1 Rabbit mAb; PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22; anti-GSTP1 antibody

PRODUCT SPECIFICATIONS

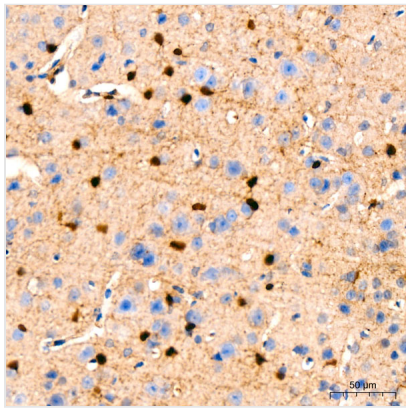
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LRCKYISLIY TNYEAGKDDY VKALPGQLKP FETLLSQNQG GKTFIVGDQI SFADYNLLDL LLIHEVLAPG CLDAFPLLSA YVGRLSARPK LKAFLASPEY VN
Applicable Applications for anti-GSTP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC-P: 1:500-1:2000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-201 of human GST3/GSTP1 (P09211).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



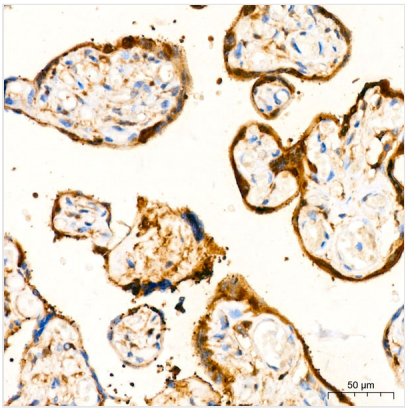
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat testis using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



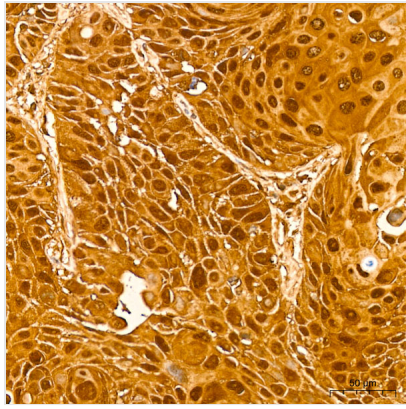
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat liver using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



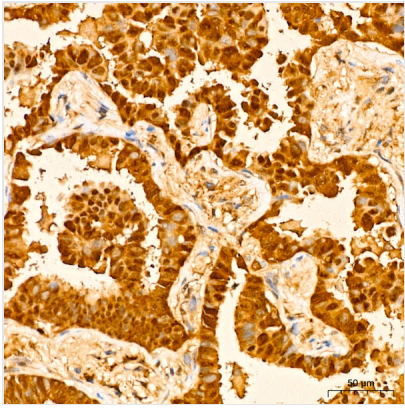
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse brain using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human placenta using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma using GST3/GSTP1 Rabbit mAb (AAA28477) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-GSTP1 antibody	Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases.
Product Categories/Family for anti-GSTP1 antibody	Cancer; Cell Biology Developmental Biology; Apoptosis; Endocrine Metabolism; Mitochondrial metabolism; Mitochondrial markers; Neuroscience; Cardiovascular; Blood; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504183
NCBI GeneID	2950
NCBI Accession #	NP_000843.1
NCBI GenBank Nucleotide #	NM_000852.3
UniProt Accession #	P09211; O00460; Q15690; Q5TZY3
Molecular Weight	Calculated MW: 23kDa Observed MW: 25kDa
UniProt Protein Name	Glutathione S-transferase P
UniProt Gene Name	GSTP1
UniProt Synonym Gene Names	FAEES3; GST3
UniProt Entry Name	GSTP1_HUMAN

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/monoclonal/gst3-gstp1-antibody-western-blot-immunohistochemistry-elisa/28477>