

Mouse anti-Human, Rat AMY1A Monoclonal Antibody | anti-AMY1A antibody

AMY1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312062	Mouse	Human, Rat	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

AMY1A; Monoclonal Antibody; AMY1A Antibody; anti-AMY1A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	F6-G7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-AMY1A antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



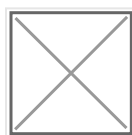
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells with AMY1A antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



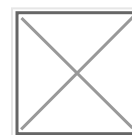
WB (Western Blot)

Western blot analysis of AMY1A on A549 and C6 cell lysate using anti-AMY1A antibody at 1/1,000 dilution.



WB (Western Blot)

Western blot analysis of AMY1A on HEK293 (1) and AMY1A-hlgGfC transfected HEK293 (2) cell lysate using anti-AMY1A antibody at 1/1,000 dilution.



WB (Western Blot)

Western blot analysis of AMY1A on human AMY1A recombinant protein using anti-AMY1A antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-AMY1A antibody

Amylases are secreted proteins that hydrolyze 1, 4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the salivary gland. Alternative splicing results in multiple transcript variants encoding the same protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549660
NCBI GeneID	276
NCBI Accession #	NP_001008222.1
NCBI GenBank Nucleotide #	NM_001008221.1
UniProt Accession #	P04745; Q13763; Q5T083; A6NJS5; A8K8H6
Molecular Weight	57,768 Da
NCBI Official Full Name	alpha-amylase 1
NCBI Official Synonym Full Names	amylase, alpha 1A (salivary)
NCBI Official Symbol	AMY1A
NCBI Official Synonym Symbols	AMY1
NCBI Protein Information	alpha-amylase 1; glycogenase; salivary alpha-amylase; salivary amylase alpha 1A; amylase, salivary, alpha-1A; 1,4-alpha-D-glucan glucanohydrolase 1
UniProt Protein Name	Alpha-amylase 1
UniProt Gene Name	AMY1A
UniProt Synonym Gene Names	AMY1
UniProt Entry Name	AMY1_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/amy1a-antibody-clone-f6-g7-flow-cytometry-western-blot-elisa/312062>