Mouse RPS7 Monoclonal Antibody | anti-RPS7 antibody

RPS7 (40S Ribosomal Protein S7) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25527	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

RPS7; Monoclonal Antibody; RPS7 (40S Ribosomal Protein S7) (HRP); anti-RPS7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3G4
Specificity	Recognizes human RPS7. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-RPS7 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa95-195 from human RPS7 (NP_001002) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	IAQRRILPKPTRKSRTKNKQKRPRSRTLTAVHDAILEDLVFPSEIVGKRIRVKLDGSRLIKVHLDKAQQNNVEHKVETFSGVYKKLTGKDVNFEFPEFQL
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged RPS7 is ~1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RPS7 on HeLa cell. [antibody concentration 20ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to RPS7 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml]

WB (Western Blot)
RPS7 monoclonal antibody Western Blot analysis of RPS7 expression in NIH/3T3.

WB (Western Blot)
RPS7 monoclonal antibody. Western Blot analysis of RPS7 expression in Raw 264.7.

WB (Western Blot)
RPS7 monoclonal antibody. Western Blot analysis of RPS7 expression in PC-12.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RPS7 antibody	Antibodies; Ribosomal Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506741
NCBI GeneID	6201
NCBI Accession #	NP_001002
NCBI GenBank Nucleotide #	NM_001011
UniProt Accession #	P62081; P23821; P24818; Q57Z92; Q6IPH1
Molecular Weight	24.7 kDa (218aa), confirmed by MALDI-TOF
NCBI Official Full Name	40S ribosomal protein S7
NCBI Official Synonym Full Names	ribosomal protein S7
NCBI Official Symbol	RPS7
NCBI Official Synonym Symbols	S7; DBA8
NCBI Protein Information	40S ribosomal protein S7
UniProt Protein Name	40S ribosomal protein S7
UniProt Gene Name	**RPS7**
UniProt Entry Name	RS7_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/rps7-antibody-clone-3g4-immunohistochemistry-western-blot-elisa/25527