Rabbit RPS12 Polyclonal Antibody | anti-RPS12 antibody

RPS12 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10775	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

RPS12; Polyclonal Antibody; RPS12 Polyclonal Antibody; S12; anti-RPS12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Sequence Length	132
Applicable Applications for anti-RPS12 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:10 - 1:100
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human RPS12
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES

IF (Immunofluorescence)
Confocal immunofluorescence analysis of HeLa cells using RPS12 Polyclonal Antibody (AAA10775) at dilution of 1:400. Blue: DAPI for nuclear staining.

IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using RPS12 antibody. Blue: DAPI for nuclear staining.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using RPS12 antibody at dilution of 1:100 (40x lens).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast using RPS12 antibody at dilution of 1:100 (40x lens).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using RPS12 antibody at dilution of 1:100 (40x lens).

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using RPS12 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS12 antibody	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Product Categories/Family for anti-RPS12 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	224471878
NCBI GeneID	6206
UniProt Accession #	P25398; Q76M58
Molecular Weight	Observed MW: 15kDa Calculated MW: 14kDa
NCBI Official Full Name	40S ribosomal protein S12
NCBI Official Synonym Full Names	ribosomal protein S12
NCBI Official Symbol	RPS12
NCBI Official Synonym Symbols	S12
NCBI Protein Information	40S ribosomal protein S12
UniProt Protein Name	40S ribosomal protein S12
UniProt Gene Name	**RPS12**
UniProt Entry Name	RS12_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/polyclonal/rps12-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10775