

Rabbit Ubiquitin Polyclonal Antibody | anti-RPS27A antibody

Ubiquitin Polyclonal Antibody

CATALOG # AAA47931	HOST Rabbit	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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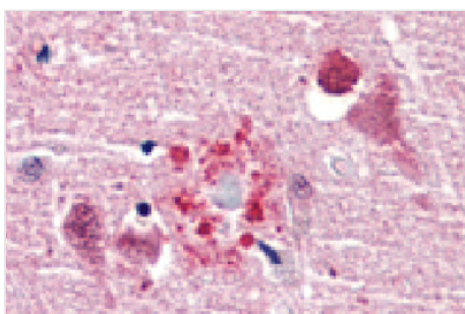
PRODUCT SYNONYMS

Ubiquitin; Polyclonal Antibody; Ubiquitin Polyclonal Antibody; Ubiquitin Antibody; anti-RPS27A antibody

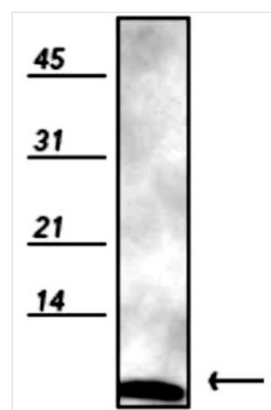
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody recognizes free ubiquitin as well as ubiquitinated proteins in immunoblots. It recognizes human, monkey, mouse, rat, hamster, rabbit, Guinea pig, bovine, porcine, canine, sheep, chicken, Xenopus, yeast, Drosophila, and fish ubiquitin.
Form/Format	Protein A-purified antibody in PBS, pH 7.2, 50% glycerol, 0.09% sodium azide.
Concentration	1.0mg/mL (varies by lot)
Applicable Applications for anti-RPS27A antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antigen	Native bovine ubiquitin conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20°C. Store in appropriate aliquots to avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Detection of ubiquitin in human brain cortex, senile plaque.



IB (Immunoblot)
Detection of ubiquitin in mouse brain lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-RPS27A antibody	Background: Ubiquitin is a highly-conserved, 76-amino acid polypeptide expressed in all eukaryotic cells. Ubiquitination of proteins facilitates targeting of cytosolic and nuclear proteins for degradation by proteasomes. This essential cellular process involves a multi-enzyme cascade of ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s or Ubc's), and ubiquitin-protein ligases (E3s). Ubiquitination is also involved in internalization and degradation of plasma membrane proteins such as T cell receptor subunits while still associated with membranes of the endoplasmic reticulum.
Product Categories/Family for anti-RPS27A antibody	Apoptosis Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	37571
NCBI GeneID	281370
UniProt Accession #	P62979 ; P02248 ; P02249 ; P02250 ; P14798 ; P62988 ; Q29120 ; Q6LBL4 ; Q6LDU5 ; Q8WYN8 ; Q91887 ; Q91888 ; Q49A90 ; Q5RKT7 ; Q8WYN9
NCBI Official Full Name	ubiquitin
NCBI Official Synonym Full Names	ribosomal protein S27a
NCBI Official Symbol	RPS27A
NCBI Official Synonym Symbols	UBC; S27A; CEP80; UBA80; UBCEP1; UBCEP80
NCBI Protein Information	ubiquitin-40S ribosomal protein S27a; ubiquitin C; ubiquitin-CEP80; OTTHUMP00000200786; OTTHUMP00000200788; OTTHUMP00000200789; OTTHUMP00000201692; ubiquitin and ribosomal protein S27a; ubiquitin carboxyl extension protein 80
UniProt Protein Name	Ubiquitin-40S ribosomal protein S27a
UniProt Gene Name	RPS27A
UniProt Synonym Gene Names	UBA80; UBCEP1
UniProt Entry Name	RS27A_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/ubiquitin-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/47931>