

Datasheet for ABIN2790162
anti-RPL27A antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	RPL27A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL27A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human RPL27A
Sequence:	GAAPIIDVVR SGYYKVLGKG KLPKQPVIVK AKFFSRRAEE KIKSVGGACV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Yeast: 85%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against RPL27A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RPL27A
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Target Details

Alternative Name:	RPL27A (RPL27A Products)
Background:	<p>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 60S subunit. The protein belongs to the L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome.</p> <p>Alias Symbols: FLJ43464, MGC10850, MGC17878, MGC87238, L27A</p> <p>Protein Interaction Partner: HUWE1, UBC, SIAH1, MDM2, ZBTB1, EED, RNF2, EIF2S1, AIMP2, QARS, MARS, HNRNPA2B1, HNRNPA1, EEF1E1, AIMP1, RANBP3, DHX9, DARS, ABCF1, CCAR2, PARP1, GTF2F2, AGO2, UBD, PRKACB, ICAM1, CD81, IGSF8, PAN2, UBL4A, VCAM1, PEX6, ITGA4, FN1, EIF4A3, MAGOH, ESR1, RPL</p> <p>Protein Size: 148</p>
Molecular Weight:	16 kDa
Gene ID:	6157
NCBI Accession:	NM_000990 , NP_000981
UniProt:	P46776

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 148 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

