

Datasheet for ABIN185256
anti-RAN antibody (N-Term)

5 Images

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Overview

Quantity:	100 µg
Target:	RAN
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RAN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	RAN
Immunogen:	Peptide with sequence AAQGEPQVQFKLV-C, from the N Terminus of the protein sequence according to NP_006316.1.
Sequence:	AAQGEPQVQF KLV
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

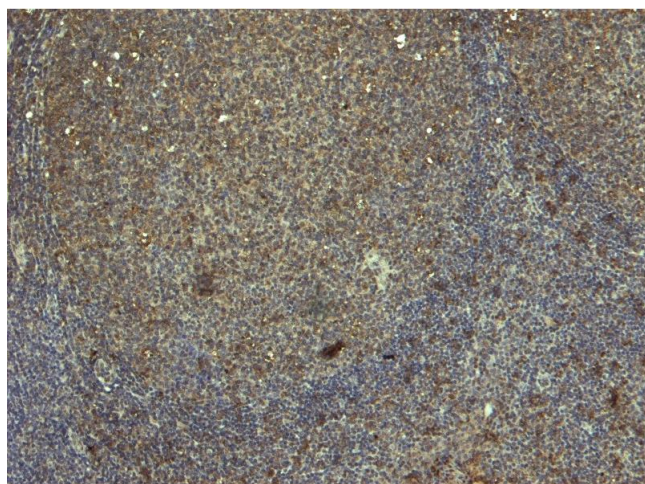
Target:	RAN
Alternative Name:	RAN (RAN Products)
Background:	RAN, TC4, ARA24, RAN, member RAS oncogene family, Gsp1, OK/SW-cl.81, RanGTPase, guanosine triphosphatase Ran, member RAS oncogene family, ras-related nuclear protein
Gene ID:	5901, 19384, 84509
NCBI Accession:	NP_006316
Pathways:	Regulatory RNA Pathways , Intracellular Steroid Hormone Receptor Signaling Pathway , Protein targeting to Nucleus

Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 3 µg/mL.</p> <p>Western Blot: Approx 25 kDa band observed in lysates of cell lines A431, HeLa, HepG2 and NIH3T3 (calculated MW of 24.4 kDa according to NP_006316.1). Recommended for use at 0.3-1 µg/mL. Primary incubation was 1 hour.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



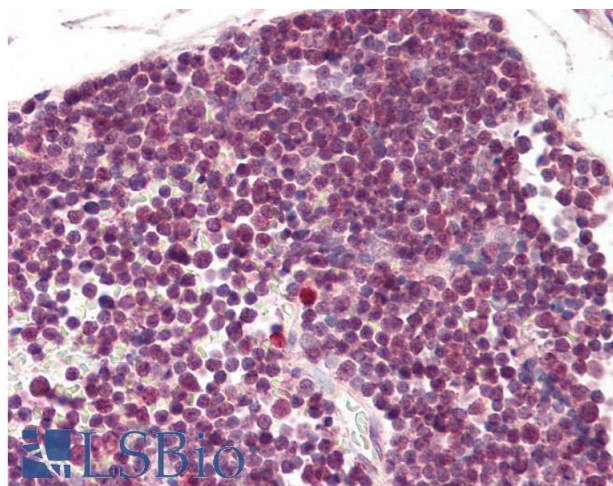
Immunohistochemistry

Image 1. (ABIN185256) (3 µg/mL) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Western Blotting

Image 2. ABIN185256 staining (1µg/ml) of A431 lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry

Image 3. ABIN185256 (3.75µg/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data was obtained using a previous batch.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN185256.