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anti-EXOSC4 antibody (AA 51-150)



Overview

Quantity:	100 μL
Target:	EXOSC4
Binding Specificity:	AA 51-150
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOSC4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EXOSC4
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

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Target Details

Alternative Name:	EXOSC4 (EXOSC4 Products)
Background:	Synonyms: EXOSC 4, Exosome complex component RRP41, Exosome complex exonuclease
	RRP41, Exosome component 4, Exosome component Rrp41, FLJ20591, hRrp41p, p12A,
	EXOS4_HUMAN, Ribosomal RNA processing protein 41, RRP 41, RRP41, RRP41A, Rrp41p, SKI
	6, SKI6, Ski6p.
	Background: The exosome is a multisubunit complex composed of several highly conserved
	subunits, some of which are 3 to 5 exoribonucleases. The complex is involved in a variety of
	cellular processes and is responsible for degrading unstable mRNAs that contain AU-rich (ARE)
	elements in their untranslated 3 region. EXOSC4 (exosome component 4), also known as SKI6,
	RRP41 or p12A, is a 245 amino acid protein that localizes to both the nucleus and the
	cytoplasm and shares 96 % sequence identity with its mouse counterpart. Functioning as a
	component of the exosome complex, EXOSC4 exhibits 3'-5' exonuclease activity and is required
	for the 3'-processing of 7S pre-RNA to mature 5.8S rRNA. The gene encoding EXOSC4 maps to
	human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800
	genes and is associated with a variety of diseases and malignancies.
Gene ID:	54512
UniProt:	Q9NPD3
Application Details	
Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months