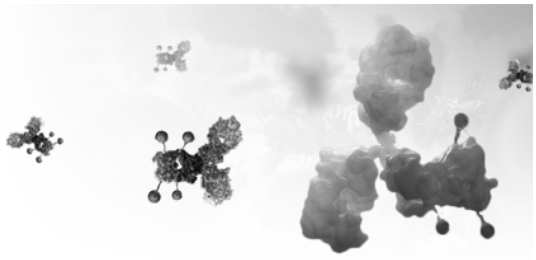

Anti-EXOSC2 (aa 1-237) polyclonal antibody (DPABH-02022)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The exosome, present in both the nucleus and cytoplasm of all eukaryotic cells, is a complex of 3-5 exoribonucleases containing at least nine core components. Recently, it has been demonstrated, mainly by analyses in yeast, that the nuclear exosome is essential for rRNA processing and sn(o)RNA biogenesis. Furthermore, it is involved in the degradation of improperly processed mRNAs. The cytoplasmic exosome participates in normal mRNA turnover and in the degradation of inherently instable mRNAs that contain AU-rich elements. Therefore, the exosome plays a key role in RNA metabolism.
Immunogen	Recombinant fragment, corresponding to amino acids 1-237 of Human RRP4 (AAH00747).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	50 µl
Buffer	pH: 7.00; Constituents: 20% Glycerol, 0.75% Glycine, 1.21% Tris
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	EXOSC2 exosome component 3 [Homo sapiens]
Official Symbol	EXOSC2
Synonyms	EXOSC2; exosome component 2; p7; RRP4; Rrp4p; hRrp4p; exosome complex component RRP4; exosome complex exonuclease RRP4; ribosomal RNA-processing protein 4; homolog of yeast RRP4 (ribosomal RNA processing 4), 3-5-exoribonuclease; homolog of yeast RRP4 (ribosomal RNA processing 4), 3 5 exoribonuclease (RRP4);
Entrez Gene ID	23404
Protein Refseq	NP_001269637.1
UniProt ID	Q13868
Pathway	ATF4 activates genes; Deadenylation-dependent mRNA decay; Exosome, archaea; Exosome, eukaryotes
Function	3-5-exoribonuclease activity; 7S RNA binding; NOT exoribonuclease activity; protein binding

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