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Anti-DDX24 Antibody

Rabbit polyclonal antibody to DDX24
Catalog # AP60263

Product Information

Application	WB
Primary Accession	Q9GZR7
Other Accession	Q9ESV0
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96332

Additional Information

Gene ID	57062
Other Names	ATP-dependent RNA helicase DDX24; DEAD box protein 24
Target/Specificity	Recognizes endogenous levels of DDX24 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

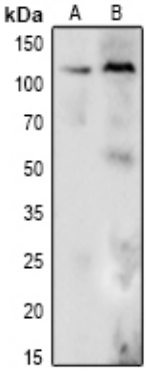
Name	DDX24
Function	ATP-dependent RNA helicase that plays a role in various aspects of RNA metabolism including pre-mRNA splicing and is thereby involved in different biological processes such as cell cycle regulation or innate immunity (PubMed:24204270, PubMed:24980433). Plays an inhibitory role in TP53 transcriptional activity and subsequently in TP53 controlled cell growth arrest and senescence by inhibiting its EP300 mediated acetylation (PubMed:25867071). Negatively regulates cytosolic RNA-mediated innate immune signaling at least in part by affecting RIPK1/IRF7 interactions. Alternatively, possesses antiviral activity by recognizing gammaherpesvirus transcripts in the context of lytic reactivation (PubMed:36298642). Plays an essential role in cell cycle regulation in vascular smooth muscle cells by interacting with and regulating FANCA (Fanconi anemia complementation group A) mRNA (By similarity). Cytoplasm. Nucleus

Cellular Location	
Tissue Location	Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine

Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DDX24. The exact sequence is proprietary.

Images



Western blot analysis of DDX24 expression in Hela (A), HEK293T (B) whole cell lysates.