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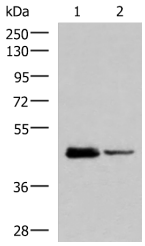
DDI2 Polyclonal Antibody

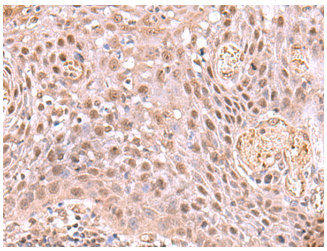
Catalog No.	E-AB-18646	**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of HL60 and Jurkat cell lysates using DDI2 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffin-embedded Human tonsil tissue using DDI2 Polyclonal Antibody at dilution of 1:75(×200)

Immunogen Information

Immunogen	Fusion protein of human DDI2
Gene Accession	BC006011
Swissprot	Q5TDH0
Synonyms	DDI1 DNA damage inducible 1 homolog 2,MGC14844,Protein DDI1 homolog 2,RP4-680D5.5

Product Information

Calculated MW	45 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

DDI1 and DDI2 are ubiquitin receptor homologs of the Saccharomyces cerevisiae ddi1 protein, which is involved in regulation of the cell cycle and the late secretory pathway. DDI2 is a 399 amino acid protein that contains one ubiquitin-like domain and exists as three isoforms as a result of alternative splicing. The gene encoding DDI2 maps to human chromosome 1, the largest human chromosome which spans about 260 million base pairs and makes up 8% of the human genome. Other notable genes located on chromosome 1 include LMNA, which is associated with the rare aging disease Hutchinson-Gilford progeria, and the MUTYH gene, which is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome.