OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA370069S

DDI2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HL60 and Jurkat cell lysates IHC: 50-300 Positive control: Human tonsil Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DDI2
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	45 kDa
Gene Name:	DNA damage inducible 1 homolog 2
Database Link:	Entrez Gene 84301 Human Q5TDH0

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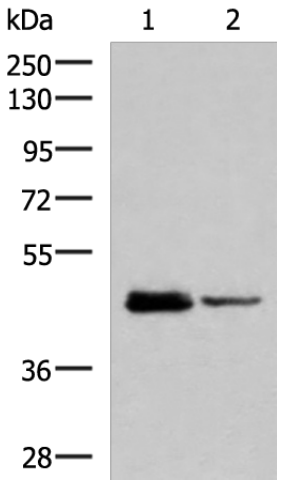
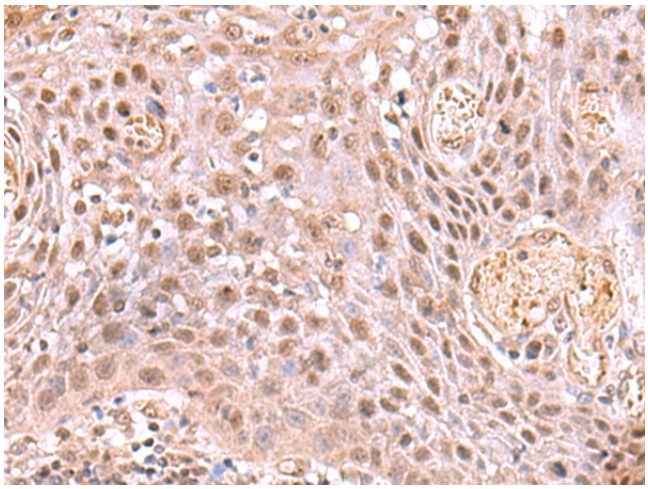
Background: DDI1 and DDI2 are ubiquitin receptor homologs of the Saccharomyces cerevisiae ddi1 protein, which is involved in regulation of the cell cycle and the late secretory pathway. DDI2 is a 399 amino acid protein that contains one ubiquitin-like domain and exists as three isoforms as a result of 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.

Synonyms: MGC14844; RP4-680D5.5

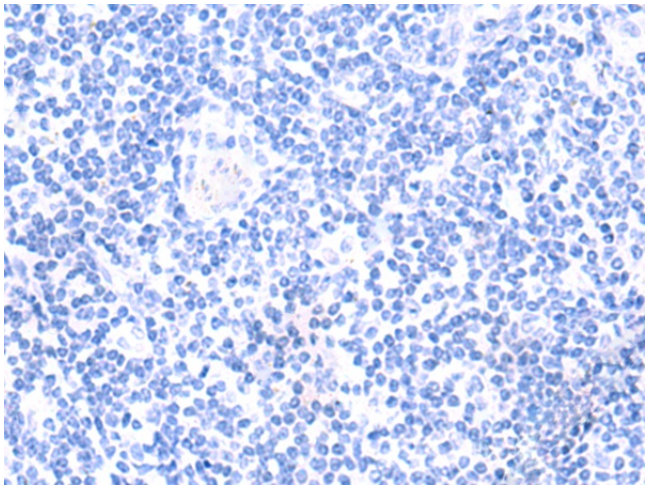
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: HL60 and Jurkat cell lysates
Primary antibody: [TA370069] (DDI2 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370069] (DDI2 Antibody) at dilution 1/75 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA370069] (DDI2 Antibody) at dilution 1/75, treated with fusion protein. (Original magnification: ×200)