DDI1 Antibody

Catalog No: #47034

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

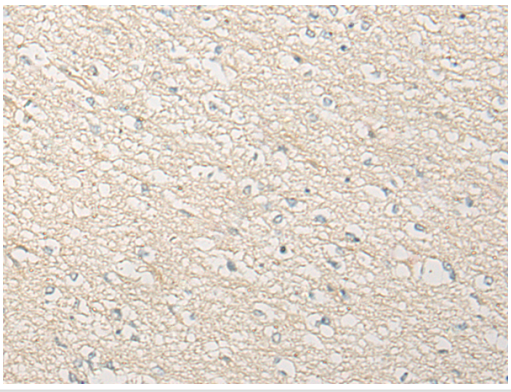
Description

Product Name	DDI1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DDI1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human DDI1
Target Name	DDI1
Accession No.	Swiss-Prot#:Q8WTU0NCBI Gene ID:414301Gene Accssion:BC022017
Uniprot	Q8WTU0
GeneID	414301;
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

Application Details

Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human brain tissue using 47034(DDI1 Antibody) at dilution 1/40. (Original magnification: ?00)

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. DDI1 is a 396 amino acid protein that contains one ubiquitin-like domain. The gene encoding DDI1 maps to human chromosome 11, which makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations.

Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene.

Note: This product is for in vitro research use only