

DDX43 Antibody

Catalog No: #36409

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

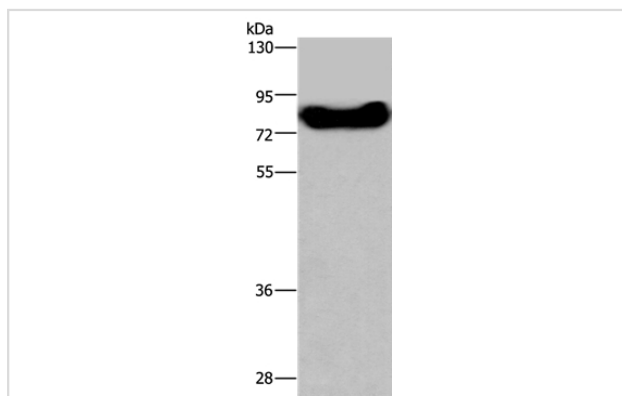
Product Name	DDX43 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DDX43 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 43
Target Name	DDX43
Other Names	CT13; HAGE
Accession No.	Swiss-Prot#: Q9NXZ2NCBI Gene ID: 55510Gene Accsson: BC066938
Uniprot	Q9NXZ2
GeneID	55510;
SDS-PAGE MW	73kd
Concentration	2.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

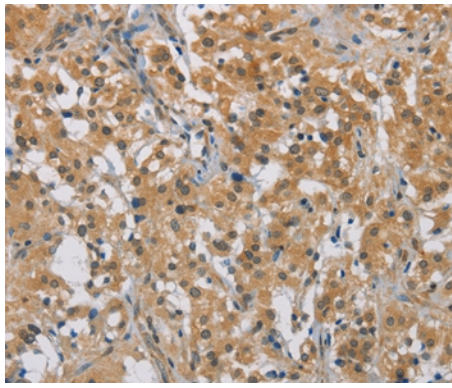
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
 Lysate: 40ug HepG2 cell
 Primary antibody: 1/200 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36409 at dilution 1/50.

Background

DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis and cellular growth and division. DDX43 (DEAD (Asp-Glu-Ala-Asp) box polypeptide 43), also known as CT13 or HAGE, is a 648 amino acid protein that contains one KH domain, one helicase C-terminal domain and one helicase ATP-binding domain and belongs to the DEAD-box family. Expressed in testis and present at abnormally high levels in a variety of tumors, DDX43 is thought to function as an ATP-dependent RNA helicase that may play a role tumor transformation and metastasis.

Note: This product is for in vitro research use only