DDX4 Antibody

Catalog No: #35554

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

Description

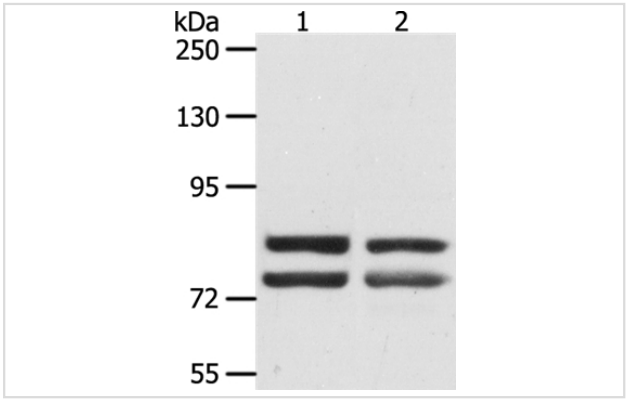
Product Name	DDX4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DDX4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
Target Name	DDX4
Other Names	VASA
Accession No.	Swiss-Prot#: Q9NQI0NCBI Gene ID: 54514Gene Accssion: BC047455
Uniprot	Q9NQI0
GeneID	54514;
SDS-PAGE MW	79kd
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

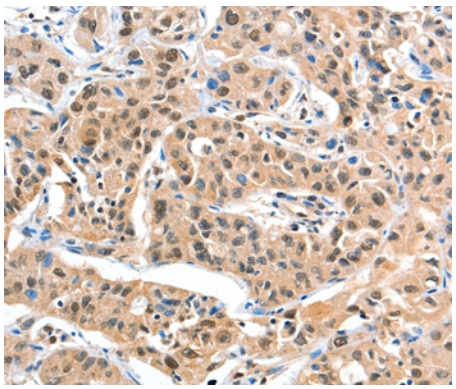
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): SKOV3 and hela cell
Amount of lysate: 40ug per lane
Primary antibody: 1/300 dilution
Secondary antibody dilution: 1/8000
Exposure time: 45 seconds



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #35554 at dilution 1/20.

Background

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. Multiple transcript variants encoding different isoforms have been found for this gene.?

Note: This product is for in vitro research use only