

DDX5,p68 Polyclonal Antibody

Catalog number: 10804-1-AP

Size: 46 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

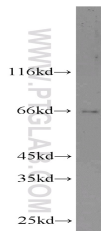
DDX5; DDX5, DEAD box protein

5, DKFZp434E109,

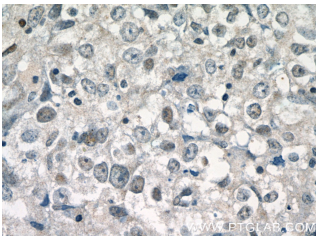
DKFZp686J01190, G17P1, HELR,

HLR1, HUMP68, p68, RNA

helicase p68



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10804-1-AP(DDX5,p68 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10804-1-AP(DDX5,p68 Antibody) at dilution of 1:50 (under 40x lens)

Background

DDX5 or p68, a member of DEAD/H BOX, which has a characteristic DEAD box, is a proliferation-associated nuclear antigen. DDX5 involves in the alternative regulation of pre-mRNA splicing, act as a RNA helicase to increase tau exon10 inclusion in a RBM4-dependent manner. It's also a transcription coactivator for estrogen receptor ESR1 and androgen receptor AR. Once synergized with DDX17 and SRA1 RNA, DDX5 activated MYOD1 transcription activity and involved in skeletal muscle differentiation. For the reason that DDX5 can be phosphorylated and dephosphorylated at several sites, at some cases the molecular weight of DDX5 is less than 68kD, approximately 65kd

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated DDX5,p68 MW:	69 kDa
Observed DDX5,p68 MW:	65-68kd
Positive WB detected in	NIH/3T3 cells, A431 cells, HeLa cells
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1237
GenBank accession number:	BC016027
Gene ID (NCBI):	1655
Full name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.