



BRAF35 Polyclonal Antibody

Catalog No	YP-Ab-00332
Isotype	IgG
Reactivity	Human;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	HMG20B
Immunogen	The antiserum was produced against synthesized peptide derived from human HMG20B. AA range:1-50
Specificity	BRAF35 Polyclonal Antibody detects endogenous levels of BRAF35 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BRAF25;BRAF35;BRCA2 associated factor 35;BRCA2-associated factor 35; high mobility group 20B;HMG20B;SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related;HMGX2; HMGXB2;SMARCE1R;SMARCE1-related protein;HMG box-containing protein 20B;HMG domain-
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Nucleus. Chromosome. Localized to condensed chromosomes in mitosis in conjunction with BRCA2.
Tissue Specificity	Ubiquitously expressed in adult tissues.
Function	function:Required for correct progression through G2 phase of the cell cycle and entry into mitosis. Required for RCOR1/CoREST mediated repression of neuronal specific gene promoters.,sequence caution:Translation N-terminally extended.,similarity:Contains 1 HMG box DNA-binding domain.,subcellular location:Localized to condensed chromosomes in mitosis in conjunction with BRCA2.,subunit:Component of a BHC histone deacetylase complex that



contains HDAC1, HDAC2, HMG20B/BRAF35, AOF2/LSD1, RCOR1/CoREST and PHF21A/BHC80. The BHC complex may also contain ZMYM2, ZNF217, ZMYM3, GSE1 and GTF2I. Interacts with the BRCA2 tumor suppressor protein., tissue specificity: Ubiquitously expressed in adult tissues.,

Background

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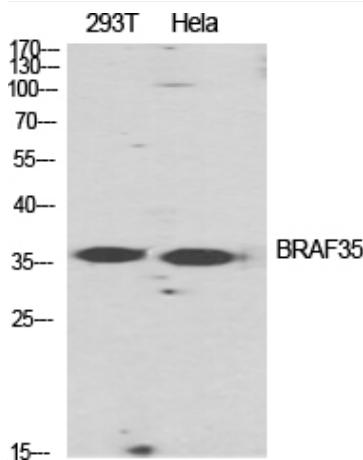
matters needing attention

Avoid repeated freezing and thawing!

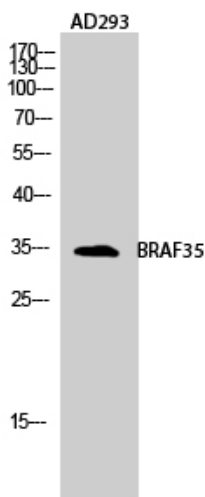
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

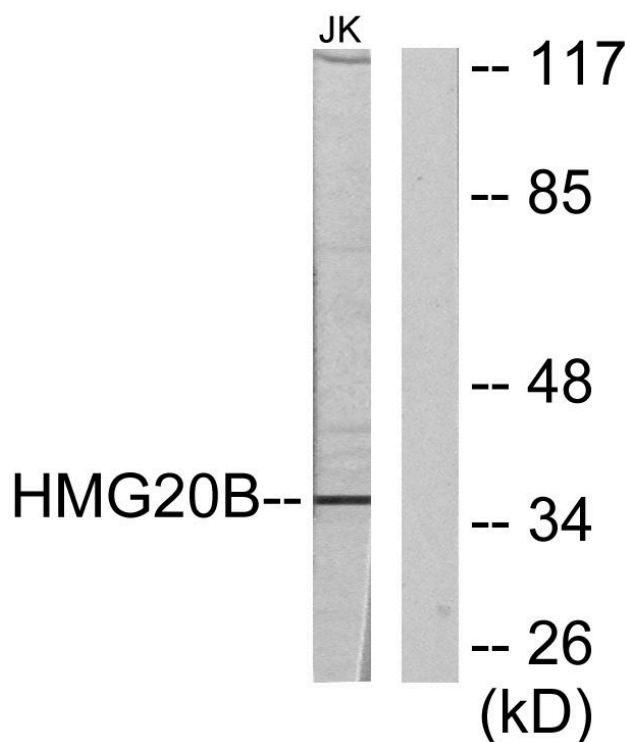
Products Images



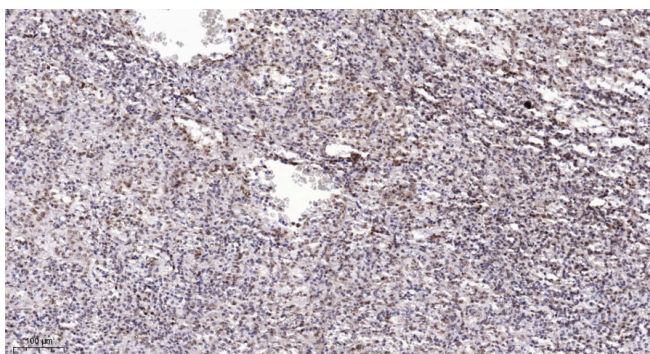
Western Blot analysis of various cells using BRAF35 Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of AD293 cells using BRAF35 Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from Jurkat cells, using HMG20B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).