abcam

Product datasheet

Anti-DIS antibody ab70244

2 References 1 Image

Overview

Product name	Anti-DIS antibody
Description	Rabbit polyclonal to DIS
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Chimpanzee, Rhesus monkey, Gorilla, Orangutan
Immunogen	Synthetic peptide corresponding to a region between residues 100 and 150 of human DIS. (Q8IX12).
Positive control	Nuclear extract from HeLa cells

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Tris-citrate/phosphate buffer, pH 7 to 8
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab70244 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

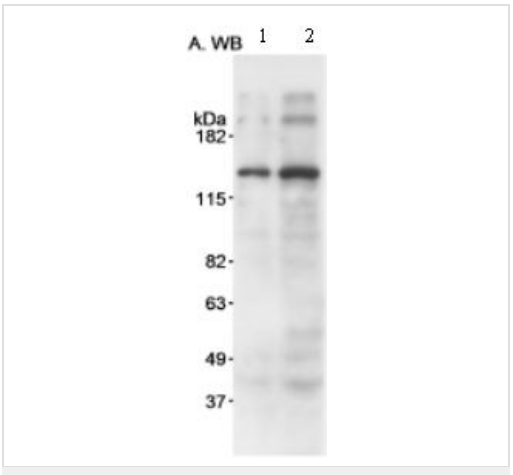
Application	Abreviews	Notes
WB		
IP		

Application notes	IP: Use at 1-10µg/mg of lysate. WB: 1/1000 - 1/5000. Detects a band of approximately 132 kDa (predicted molecular weight: 132 kDa). Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

Target

Function	Associates with components of the Mediator and p160 coactivator complexes that play a role as intermediaries transducing regulatory signals from upstream transcriptional activator proteins to basal transcription machinery at the core promoter. Recruited to endogenous nuclear receptor target genes in response to the appropriate hormone. Also functions as a p53 coactivator. May thus play an important role in transcriptional regulation (By similarity). May be involved in apoptosis signaling in the presence of the reinoid CD437. Apoptosis induction involves sequestration of 14-3-3 protein(s) and mediated altered expression of multiple cell cycle regulatory genes including MYC, CCNB1 and CDKN1A. Plays a role in cell cycle progression and/or cell proliferation.
Tissue specificity	Expressed in various epithelial cancer cell lines, including breast, colon, prostate, pancreatic and leukemia. Expression is regulated by growth factors.
Sequence similarities	Contains 1 SAP domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm > perinuclear region.

Images



Western blot - Anti-DIS antibody (ab70244)

All lanes : Anti-DIS antibody (ab70244) at 1 µg/ml

Lane 1 : Nuclear extract from HeLa cells at 15 µg

Lane 2 : Nuclear extract from HeLa cells at 45 µg

Predicted band size: 132 kDa

Observed band size: 132 kDa

Exposure time: 1 minute

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