


Product datasheet

Anti-DIS antibody ab70244

1 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

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.

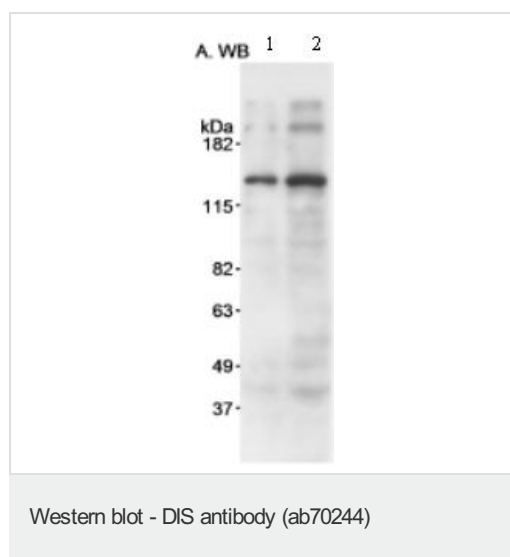
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Cytoplasm > perinuclear region.

Images



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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