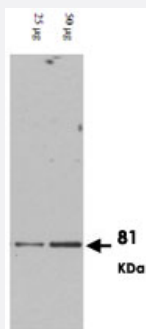


DAXX polyclonal antibody

Catalog # PAB10002 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot using DAXX polyclonal antibody (Cat # PAB10002) shows detection of DAXX in RWPE-1 cell extracts.

The membrane was probed with the primary antibody diluted to 1 : 200, and further probed with peroxidase conjugated anti-Rabbit IgG at a 1 : 25,000 dilution.

Personal Communication, Jie LIU, CCR-NCI, Bethesda, MD.

Specification

| | |
|--------------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of DAXX. |
| Immunogen | A synthetic peptide corresponding to amino acids 261-274 of human DAXX. |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Form | Liquid |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide. |
| Recommend Usage | ELISA (1:7000-1:45000) Western Blot (1:200-1:2000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot using DAXX polyclonal antibody (Cat # PAB10002) shows detection of DAXX in RWPE-1 cell extracts. The membrane was probed with the primary antibody diluted to 1 : 200, and further probed with peroxidase conjugated anti-Rabbit IgG at a 1 : 25,000 dilution.
Personal Communication, Jie LIU, CCR-NCI, Bethesda, MD.

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DAXX

Entrez GeneID [1616](#)

Protein Accession# [NP_001341:Q9UER7](#)

Gene Name DAXX

Gene Alias BING2, DAP6, EAP1, MGC126245, MGC126246

Gene Description death-domain associated protein

Omim ID [603186](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, the encoded protein functions as a potent transcription repressor that binds to sumoylated transcription factors. Its repression can be relieved by the sequestration of this protein into promyelocytic leukemia nuclear bodies or nucleoli. This protein also associates with centromeres in G2 phase. In the cytoplasm, the encoded protein may function to regulate apoptosis. The subcellular localization and function of this protein are modulated by post-translational modifications, including sumoylation, phosphorylation and polyubiquitination. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations CENP-C binding protein|ETS1-associated protein 1|Fas-binding protein|OTTHUMP00000029289|OTTHUMP00000029290|death-associated protein 6

Publication Reference

- [Identification of Daxx interacting with p73, one of the p53 family, and its regulation of p53 activity by competitive interaction with PML.](#)

Kim EJ, Park JS, Um SJ.

Nucleic Acids Research 2003 Sep; 31(18):5356.

Application: IP, Human, Saos2 cells

- [Daxx and histone deacetylase II associate with chromatin through an interaction with core histones and the chromatin-associated protein Dek.](#)

Hollenbach AD, McPherson CJ, Mientjes EJ, Iyengar R, Grosveld G.

Journal of Cell science 2002 Aug; 115(Pt 16):3319.

Application: IP, WB-Re, Human, 293T cells

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)