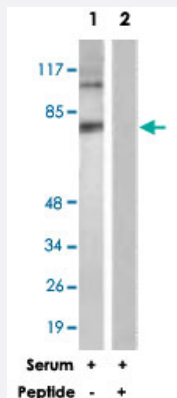


DAXX polyclonal antibody

Catalog # PAB18150 Size 100 ug

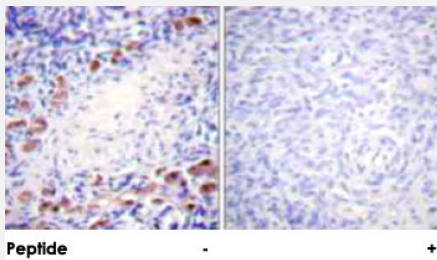
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from COS-7 cells, treated with Serum (10 %, 30 mins), using DAXX polyclonal antibody (Cat # PAB18150).

Peptide "+" means "peptide blocking".



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human ovary tissue using DAXX polyclonal antibody (Cat # PAB18150).

Peptide "+" means "peptide blocking".

Specification

| | |
|---------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of DAXX. |
| Immunogen | A synthetic peptide corresponding to human DAXX. |
| Host | Rabbit |
| Reactivity | Human |
| Specificity | This antibody is specific to DAXX. |
| Form | Liquid |

| | |
|---------------------|--|
| Purification | Affinity purification |
| Concentration | 1 mg/mL |
| Recommend Usage | Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:5000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide) |
| Storage Instruction | 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 analysis of extracts from COS-7 cells, treated with Serum (10 %, 30 mins), using DAXX polyclonal antibody (Cat # PAB18150).

Peptide "+" means "peptide blocking".

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human ovary tissue using DAXX polyclonal antibody (Cat # PAB18150).

Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DAXX

| | |
|--------------------|---|
| Entrez GeneID | 1616 |
| Protein Accession# | 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

- [Daxx cooperates with the Axin/HIPK2/p53 complex to induce cell death.](#)

Li Q, Wang X, Wu X, Rui Y, Liu W, Wang J, Wang X, Liou YC, Ye Z, Lin SC.

Cancer Research 2007 Jan; 67(1):66.

Application: IP, WB, Human, H1299, HeLa, HEK 293, MCF-7 cells

- [Daxx represses expression of a subset of antiapoptotic genes regulated by nuclear factor-kappaB.](#)

Croxton R, Puto LA, de Belle I, Thomas M, Torii S, Hanai F, Cuddy M, Reed JC.

Cancer Research 2006 Sep; 66(18):9026.

Application: WB, Human, MCF-7 cells

- [Sumoylation of Daxx regulates IFN-induced growth suppression of B lymphocytes and the hormone receptor-mediated transactivation.](#)

Muromoto R, Ishida M, Sugiyama K, Sekine Y, Oritani K, Shimoda K, Matsuda T.

Journal of Immunology 2006 Jul; 177(2):1160.

Application: IF, WB, Human, Ba/F3 cells

Pathway

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

Disease

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