

Product datasheet for **SM1821P**

DAXX (C-term) Mouse Monoclonal Antibody [Clone ID: DAXX-01]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DAXX-01
Applications:	IF, WB
Recommended Dilution:	Western Blot. Immunocytochemistry.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant C-terminal part (aa 558-740) of Human Daxx
Specificity:	The antibody reacts with Daxx, a death domain containing protein mainly expressed in fetal and adult tissue.
Formulation:	Phosphate buffered saline (PBS), pH~7.4 with 15 mM Sodium Azide. State: Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein-A.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	death-domain associated protein
Database Link:	Entrez Gene 1616 Human Q9UER7



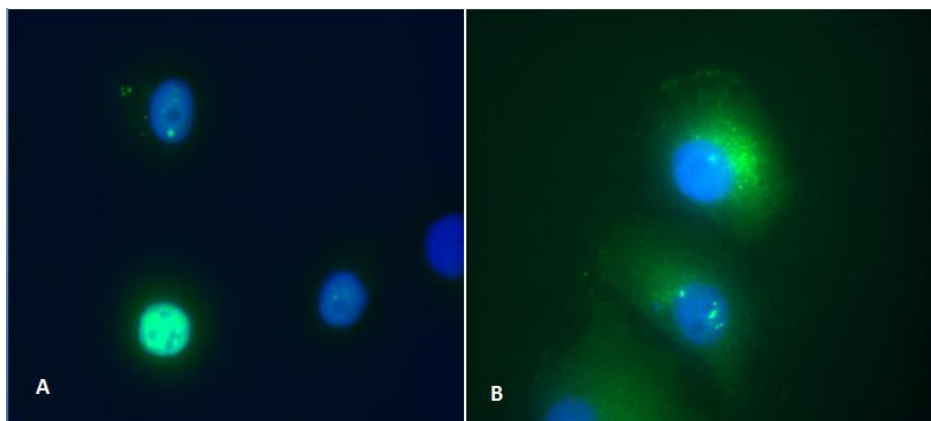
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Background:

Daxx is an apoptosis-modulating death-domain associated protein with functions in transcriptional regulation. Daxx functions both in cytoplasm, where it interacts with Fas, and in nucleus (residing in PML oncogenic domains), where it is involved in SUMO-dependent regulation of transcription and subnuclear compartmentalization. Daxx sensitizes the cells to apoptosis, but on the other hand, this protein may also serve in preventing apoptosis in the early embryo. Even regarding the transcription, Daxx can serve both as a corepressor and a coactivator. During ischemic stress, Daxx translocates from the nucleus to the cytoplasm, where it regulates sodium hydrogen exchanger isoform 1 (NHE1).

Synonyms:

BING2, DAP6, EAP1

Product images:


Immunofluorescence staining of Daxx in transfected HeLa human cervix carcinoma cell line. Myc Daxx (green) was stained with anti-human Daxx (DAXX-01), nuclei were stained with DAPI (blue). A - nuclear localization of Daxx in HeLa cells transfected with pCDNA3-MycDaxx B - HeLa cells were co-transfected with pCDNA3-MycDaxx and pCDNA3-ASK1HA, which led to translocation of Daxx from nucleus to cytoplasm

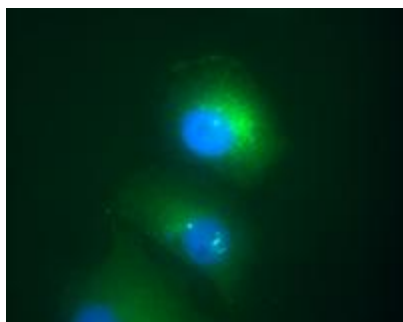


Figure 2 : Immunofluorescence staining of Daxx in transfected HeLa Human cervix carcinoma cell line. Myc Daxx (green) was stained with anti-Human Daxx (DAXX-01), nuclei were stained with DAPI (blue). HeLa cells were co-transfected with pCDNA3-MycDaxx and pCDNA3-ASK1HA, which led to translocation of Daxx from nucleus to cytoplasm.