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30-1228: Anti-Daxx / DAP6 Monoclonal Antibody (Clone:DAXX-01)

Clonality :	Monoclonal
Clone Name :	DAXX-01
Application :	WB, ICC
Reactivity :	Human
Gene :	DAXX
Gene ID :	1616
Uniprot ID :	Q9UER7
Format :	Purified
Alternative Name :	DAXX,BING2,DAP6
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant C-terminal part (aa 558-740) of human Daxx.

Description

Daxx is an apoptosis-modulating death domain-associated protein with functions in transcriptional regulation. Daxx functions bot 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 senzitizes 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 in regulates sodium hydrogen exchanger isoform 1 (NHE1).

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

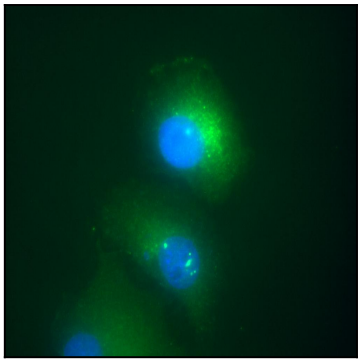

Figure 1: Immunofluorescence staining of Daxx in transfected HeLa human cervix carcinoma cell line. Myc Daxx (green) was stained with anti-human Daxx (DAXX-01), nuclei were stained with DAPI (blue). 1A - nuclear localization of Daxx in HeLa cells transfected with pCDNA3-MycDaxx

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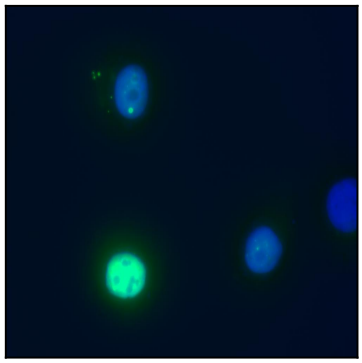

Figure 2: HeLa cells were co-transfected with pCDNA3-MycDaxx and pCDNA3-ASK1HA, which led to translocation of Daxx from nucleus to cytoplasm