

DAXX Ab

[Images\(1\)](#)

Cat.#: BF0194	Concn.: ~1mg/ml	Mol.Wt.: 81kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000, FCM 1:200-1:400

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human DAXX expressed in E. Coli.

Uniprot: Q9UER7

Description: Daxx is a transcriptional co-regulatory protein. Proposed to mediate activation of the JNK pathway and apoptosis via ASK1 in response to signaling from FAS and TGF-betaR2. Glucose deprivation activates the ASK1-SEK1-JNK1-HIPK1 pathway, relocalizing Daxx from the nucleus to the cytoplasm, where Daxx binds to ASK1, and subsequently leads to ASK1 oligomerization. Interaction with HSP27 may prevent interaction with TGF-betaR2 and ASK1 and block DAXX-mediated apoptosis. Seems to act as a transcriptional co- repressor and inhibits PAX3 and ETS1 through direct protein- protein interaction. Its transcription repressor activity is modulated by recruiting it to subnuclear compartments like the nucleolus or PML/POD/ND10 nuclear bodies through interactions with MCSR1 and PML, respectively.

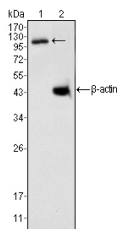


Figure 1: Western blot analysis using DAXX mouse mAb against K562 cell lysates (1).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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