

## Product datasheet for **TA300370**

### **DAXX Rabbit Monoclonal Antibody [Clone ID: E94]**

#### **Product data:**

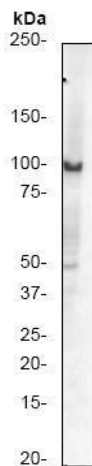
Product Type:	Primary Antibodies
Clone Name:	E94
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:5000; IHC-P: Use at an assay dependent concentration; ICC: 1:50; FC: 1:100
Reactivity:	Human (Does not react with: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to residues of human DAXX was used as immunogen. Predicted to cross-react with rat, based on sequence homology.
Formulation:	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	death-domain associated protein
Database Link:	<a href="#">NP_001341</a> <a href="#">Entrez Gene 13163 Mouse</a> <a href="#">Entrez Gene 140926 Rat</a> <a href="#">Entrez Gene 1616 Human</a> <a href="#">Q9UER7</a>
Background:	Daxx is a nuclear protein that has been found to enhance Fas-mediated apoptosis and activate the JNK pathway (1). Apoptosis signal-regulating kinase 1 (ASK1) controls the dual function of Daxx as a transcriptional repressor in the nucleus and as a proapoptotic signal mediator in the cytoplasm (2). Daxx associates with various proteins, including promyelocytic leukemia protein (PML) and heat shock protein 27, lending significance to their roles in tumor suppression and Daxx-mediated apoptosis (3,4).
Synonyms:	BING2; DAP6; EAP1
Note:	Is unsuitable for IP.
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



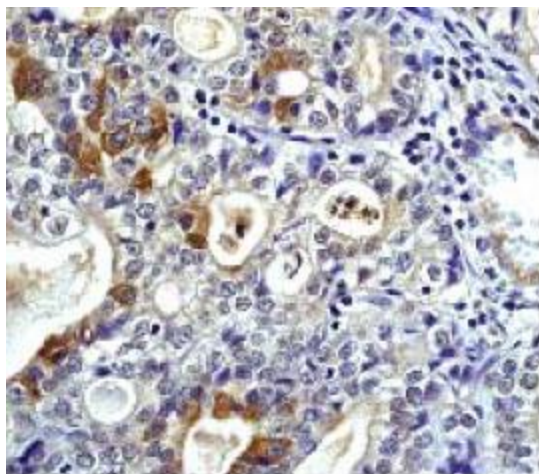
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Protein Pathways: Amyotrophic lateral sclerosis (ALS), MAPK signaling pathway

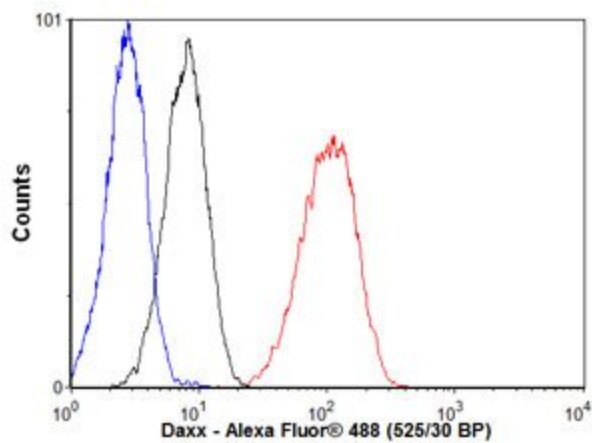
### Product images:



Western blot - Daxx antibody [E94]; Anti-Daxx antibody [E94] at 1/5000 dilution + Hela cell lysate. Predicted band size : 81 kDa. Observed band size : 100 kDa. Additional bands at : 48 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Paraffin-embedded sections) - Daxx antibody [E94]; Ab32140, at a dilution of 1/50, staining Daxx in paraffin embedded human stomach adenocarcinoma tissue by Immunohistochemistry.



Flow Cytometry - Anti-Daxx antibody; Overlay histogram showing HeLa cells stained with TA300370 (red line). The secondary antibody used was Alexa Fluor 488 goat anti-rabbit IgG (H&L) at 1:2000. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1ug/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control.