

Product datasheet for **AP06384PU-N**

DAXX Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections: 1/50-1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 630-680 of Human Daxx.
Specificity:	This antibody detects endogenous levels of Daxx protein. (region surrounding Lys662)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 15 mM sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store 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.
Predicted Protein Size:	~ 78, 81 kDa
Gene Name:	death-domain associated protein
Database Link:	Entrez Gene 1616 Human Q9UER7



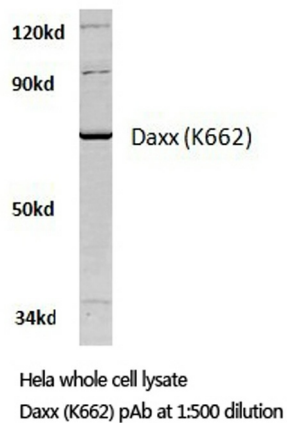
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Background:

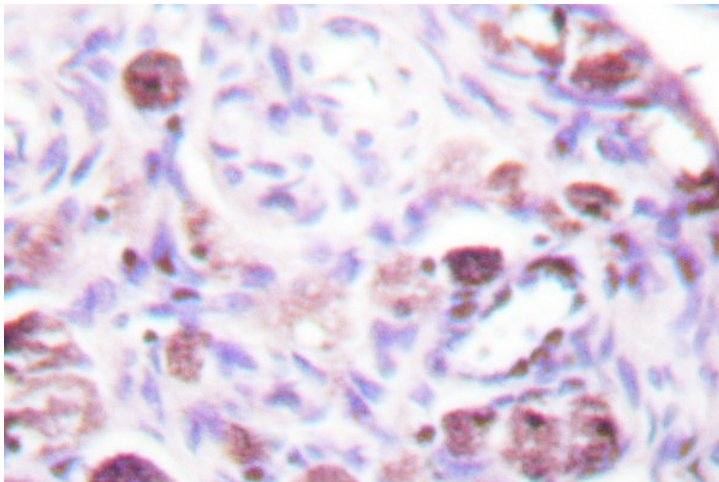
Activation of the cell surface receptor FAS by FAS ligand leads to the initiation of apoptosis, a process necessary for the regulation of the immune system and tissue homeostasis. FAS-mediated apoptosis appears to involve a number of divergent and overlapping pathways. Daxx appears to be a central component of a FAS-mediated apoptotic pathway involving the activation of Jun Nterminal kinase (JNK). Although Daxx itself does not contain a death domain, it specifically binds to the death domain of FAS. Overexpression of Daxx activates the JNK pathway and enhances FAS-mediated apoptosis. The Daxx apoptotic pathway acts cooperatively with but is distinct from the FAS-mediated pathway that involves interactions between the death domaincontaining protein FADD and the cysteine protease FLICE. Unlike the FASFADD- FLICE pathway, the Daxx pathway is sensitive to the apoptotic inhibitor protein Bcl-2.

Synonyms:

BING2, DAP6, EAP1

Product images:

Western blot (WB) analysis of Daxx antibody in extracts from hela cells.



Immunohistochemistry (IHC) analyzes of Daxx antibody in paraffin-embedded human ovary tissue.