

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human Daxx in Western blots. Detection of both reported Daxx isoforms is expected based on immunogen sequence.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Daxx Met497-Gly626 Accession # Q9UER7
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Daxx (Fas death domain-associated-xx; also death domain-associated protein 6) is a ubiquitously expressed, proapoptotic protein that belongs to the Daxx family of molecules. Although it has a predicted MW of 81 kDa, it runs anomously at 110 kDa in SDS-PAGE. Daxx is found in the nucleus where it represses transcription. In the cytoplasm, it binds to ASK1, where it mediates Fas-induced apoptosis. Human Daxx is 740 amino acids (aa) in length and contains three coiled-coil regions (aa 180-217; 358-399; 430-489), two NLSs, and an Asp/Glu-rich acidic region (aa 434-572). One splice variant is known that shows a 15 aa substitution for aa 696-740. Human Daxx shares 71% and 90% aa identity with mouse and dog Daxx, respectively.

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