

DESCRIPTION

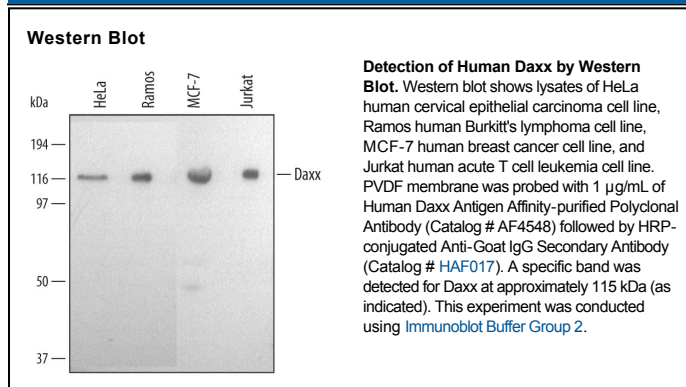
Species Reactivity	Human
Specificity	Detects endogenous human Daxx in Western blots. Detection of both reported Daxx isoforms is expected based on immunogen sequence.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Daxx Met497-Gly626 Accession # Q9UER7
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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 anomalously 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.