

DESCRIPTION

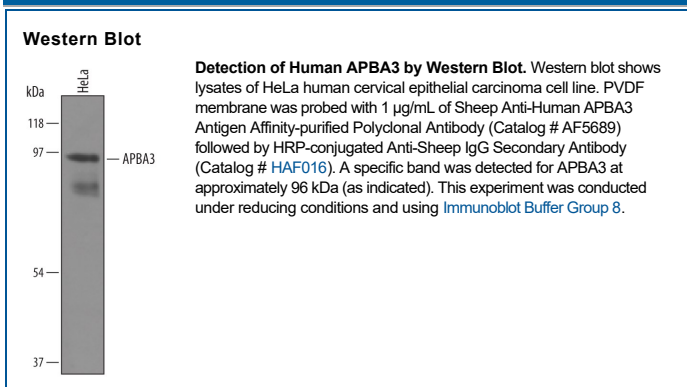
Species Reactivity	Human
Specificity	Detects human APBA3 in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) X11- α and rhX11- β is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human APBA3 Met1-Leu138 Accession # O96018
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μ m 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 μ g/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

X11- γ (Adaptor protein X11 gamma; also APBA3, Mint3 and X11L2) is a member of the X11 family of adaptor proteins. Unlike X11 α and - β which are generally neuronal proteins, X11- γ is widely expressed in all tissues. X11- γ has many functions, including MT-MMP and Furin intracellular trafficking and APP binding. Human X11- γ is 575 amino acids (aa) in length. It contains a poly-Ser segment (aa 165-171), a PID region (aa 217-381) that binds β -amyloid precursor, and two PDZ domains (aa 393-478 and 485-560) that bind Arf GTPases. There is one potential splice variant that shows a 34 aa insertion after Ile505. Over aa 1-138, human X11- γ shares 62% aa identity with mouse X11- γ .