

Datasheet for ABIN6991581 **anti-EI24 antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	EI24
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EI24 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	EI24 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human EI24. The immunogen is located within the last 50 amino acids of EI24.
Isotype:	IgG
Specificity:	At least two isoforms of EI24 are known to exist, this antibody will only detect the larger isoform.
Purification:	EI24 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	EI24
Alternative Name:	EI24 (EI24 Products)

Target Details

Background:	El24 Antibody: The etoposide-induced 24 (El24) protein is an immediate-early induction target of p53-mediated apoptosis and functions as a tumor suppressor. El24 contains six transmembrane domains and is localized to the endoplasmic reticulum (ER). It binds to Bcl-2 and may contribute to apoptosis by modulating the activity and function of Bcl-2. El24 is highly mutated in aggressive breast cancers and its loss in breast cancer tissue correlates with tumor invasiveness. Similar findings in invasive cervical carcinoma suggest that El24 may be a promising therapeutic target in the treatment of invasive cancer.
Gene ID:	9538
NCBI Accession:	NP_004870
UniProt:	O14681

Application Details

Application Notes:	El24 antibody can be used for detection of El24 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	El24 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	El24 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.