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anti-El24 antibody (C-Term)

Images



Overview

Quantity:	0.1 mg
Target:	El24
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This El24 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	19 amino acid synthetic peptide near the carboxy terminus of Human EI24
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	El24
Alternative Name:	EI24 (EI24 Products)
Background:	The etoposide-induced 24 (EI24) protein is an immediate-early induction target of p53-mediated

Target Details

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. Synonyms: Etoposide-induced protein 2.4 homolog, PlG8, p53-induced gene 8 protein

Gene ID:

9538

NCBI Accession:

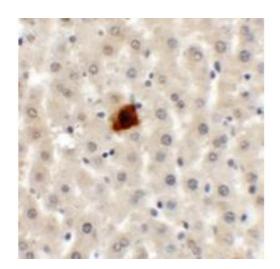
NP_004870

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

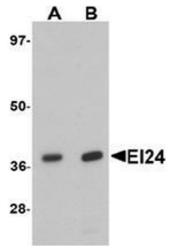
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of El24 in rat liver tissue with El24 antibody at 5 ug/mL.



Western Blotting

Image 2. Western blot analysis of El24 in rat liver tissue lysate with El24 antibody at (A) 1 and (B) 2 ug/mL.