BOSTER BIOLOGICAL TECHNOLOGY
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Anti-EI24 Antibody

Catalog Number: A06183

About EI24

The etoposide-induced 24 (EI24) protein is an immediate-early induction target of p53-mediated apoptosis and functions as a tumor suppressor. EI24 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. EI24 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 EI24 may be a promising therapeutic target in the treatment of invasive cancer.

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Overview

Product Name	Anti-EI24 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EI24 Antibody (Catalog # A06183). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	EI24 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	EI24 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O14681

Technical Details

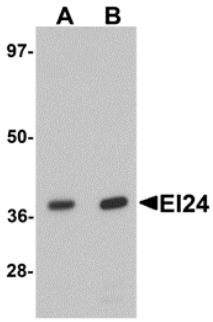
Immunogen	EI24 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human EI24. The immunogen is located within the last 50 amino acids of EI24.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of EI24 are known to exist; this antibody will only detect the larger isoform.

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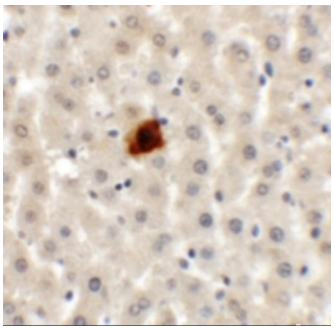
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	EI24 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	EI24 antibody can be used for detection of EI24 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-EI24 Antibody (A06183) Images



Western blot analysis of EI24 in rat liver tissue lysate with EI24 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of EI24 in rat liver tissue with EI24 antibody at 5 ug/mL.

Anti-EI24 Antibody

For Research Use Only. Not for use in diagnostic procedures.