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Datasheet for ABIN5596933

anti-EDC3 antibody (Internal Region, pSer161)

Overview

Quantity:	100 µg
Target:	EDC3
Binding Specificity:	Internal Region, pSer161
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EDC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Immunogen: EDC3 affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic phospho-peptide surrounding the pS161 site of mouse EDC3. Immunogen Type: Peptide
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with rabbit, pig, monkey, bovine, rat, mouse, and bat based on 100% sequence homology. Cross-reactivity with EDC3 pS161 from other sources has not been determined.
Purification:	Anti-EDC3 pS161 is specific for phospho S161 mouse EDC3. It was affinity purified from monospecific antiserum by immunoaffinity chromatography.

Target Details

Target:	EDC3
Alternative Name:	EDC3 (EDC3 Products)
Background:	<p>Synonyms: Enhancer of mRNA-decapping protein 3, YjeF domain-containing protein 1, Edc3, Yjdc</p> <p>Background: EDC3 antibody is associated with an mRNA-decapping complex required for removal of the 5-prime cap from mRNA prior to its degradation from the 5-prime end. It has also been implicated in cell signaling involving the 14-3-3 proteins and related pathways. Anti-EDC3 [pS161] antibody is ideal for investigators interested in Epigenetic and Nuclear Signaling research.</p> <p>Gene Name: Edc3</p>

Application Details

Application Notes:	<p>Application Note: Anti-EDC3pS161 antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~55 kDa corresponding to the appropriate cell lysate or extract.</p> <p>Western Blot Dilution: 0.5 µg/mL</p> <p>ELISA Dilution: 1: 10,000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 30 % Glycerol</p>
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:	4 °C, -20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Handling

Expiry Date: 12 months