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Datasheet for ABIN952833 anti-IGF2BP1 antibody (C-Term)

3 Images



Overview

Quantity:	0.4 mL
Target:	IGF2BP1
Binding Specificity:	AA 515-542, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGF2BP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 515-542 amino acids from the C-terminal region of human IGF2BP1
Isotype:	Ig Fraction
Specificity:	This antibody reacts to IGF2BP1.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A
Target Details	

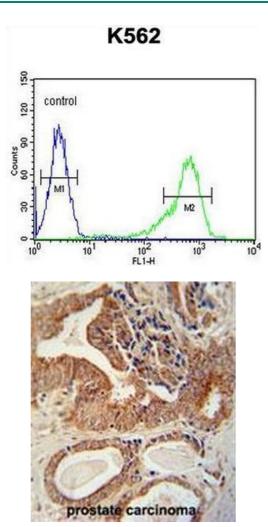
Target:

IGF2BP1

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Target Details	
Alternative Name:	IGF2BP1 (IGF2BP1 Products)
Background:	IGF2BP1 is a member of the insulin-like growth factor 2 mRNA-binding protein family. The protein encoded by this gene contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this gene.Synonyms: CRD-BP, CRDBP, Coding region determinant-binding protein, IGF-II mRNA- binding protein 1, Insulin-like growth factor 2 mRNA-binding protein 1, VICKZ family member 1, VICKZ1, ZBP-1, ZBP1, Zip code-binding protein 1, Zipcode-binding protein 1
Molecular Weight:	63481 Da
Gene ID:	10642
NCBI Accession:	NP_006537
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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Flow Cytometry

Image 1. IGF2BP1 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. IGF2BP1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IGF2BP1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. IGF2BP1 Antibody (C-term) western blot analysis in K562 cell line lysates (35µg/lane).This demonstrates the IGF2BP1 antibody detected the IGF2BP1 protein (arrow).

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