

Datasheet for ABIN238551

anti-IGFBP3 antibody (Internal Region)

1 Image



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Quantity:	100 μg
Target:	IGFBP3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IGFBP3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

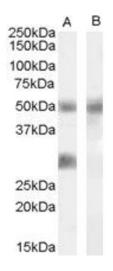
Purpose:	IGFBP3
Immunogen:	Peptide with sequence C-RYKVDYESQSTDTQN, from the internal region of the protein sequence according to NP_001013416.1, NP_000589.2.
Sequence:	RYKVDYESQS TDTQN
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001013416.1 and NP_000589.2).
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details Grade: Verified **Target Details** Target: IGFBP3 IGFBP3 (IGFBP3 Products) Alternative Name Background: IGFBP3, insulin-like growth factor binding protein 3, tcag7.703, BP-53, IBP3, IGF-binding protein 3, acid stable subunit of the 140 K IGF complex, binding protein 29, binding protein 53, growth hormone-dependent binding protein Gene ID: 3486, 16009, 24484 NCBI Accession: NP_001013416, NP_000589 Myometrial Relaxation and Contraction, Regulation of Muscle Cell Differentiation, Skeletal Pathways: Muscle Fiber Development, Regulation of Carbohydrate Metabolic Process, Autophagy, Smooth Muscle Cell Migration, Growth Factor Binding **Application Details Application Notes:** Western Blot: Approx 28 kDa band observed in Human Breast Cancer lysates (calculated MW of 31.7 kDa according to NP_001013416.1 and 32.2 kDa according to NP_000589.2). Recommended concentration: 0.02-0.06 μg/mL. An additional band of 50 kDa was consistently Peptide ELISA: antibody detection limit dilution 1:64000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. 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: Minimize freezing and thawing.

Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

Image 1. ABIN238551 (0.02μg/ml) staining of Human Breast Cancer lysate (35μg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.