

Datasheet for ABIN2773913
anti-IGFBP7 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	IGFBP7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Sheep, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human IGFBP7
Sequence:	RGGPEKHEVT GWVLVSPLSK EDAGEYECHA SNSQGQASAS AKITVVDALH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against IGFBP7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IGFBP7
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Target Details

Alternative Name:	IGFBP7 (IGFBP7 Products)
Background:	<p>IGFBP7 contains 1 Ig-like C2-type (immunoglobulin-like) domain, 1 IGFBP N-terminal domain and 1 Kazal-like domain. It binds IGF-I and IGF-II with a relatively low affinity. IGFBP7 stimulates prostacyclin (PGI₂) production.</p> <p>Alias Symbols: FSTL2, IGFBP-7, IGFBP-7v, MAC25, PSF, AGM, TAF, IBP-7, RAMSVPS, IGFBPRP1</p> <p>Protein Interaction Partner: RBBP8, HNF1A, RTN4, DSTN, UBC, CHMP3, CCL21, VEGFA, CCL5, SDC1, INS, IGF2, IGF1, CXCL10, INHBA,</p> <p>Protein Size: 282</p>
Molecular Weight:	29 kDa
Gene ID:	3490
NCBI Accession:	NM_001553 , NP_001544
UniProt:	Q16270
Pathways:	Growth Factor Binding

Application Details

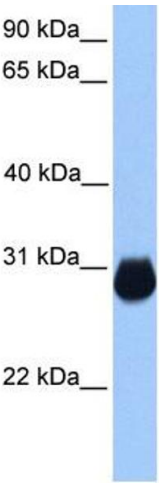
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 282 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images

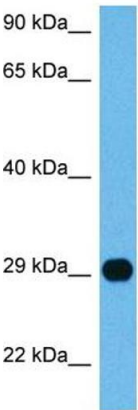
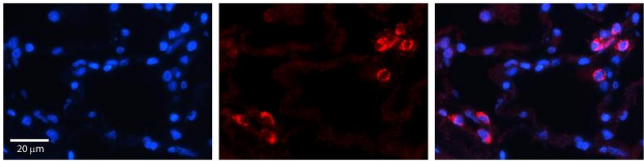


Western Blotting

Image 1. WB Suggested Anti-IGFBP7 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Muscle

Immunohistochemistry

Image 2.



Host: Rabbit
Target Name: Igfbp7
Sample Type: Mouse Skeletal Muscle Lysate
Antibody Dilution: 1.0µg/ml

Western Blotting

Image 3. Host: Mouse Target Name: IGFBP7 Sample Tissue: Mouse Skeletal Muscle Antibody Dilution: 1ug/ml