

## Product datasheet for **TA346551**

### IGFBP7 Rabbit Polyclonal Antibody

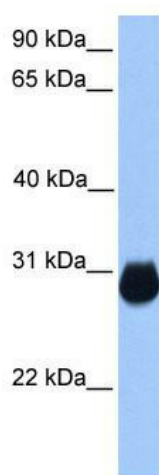
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-IGFBP7 antibody: synthetic peptide directed towards the C terminal of human IGFBP7. Synthetic peptide located within the following region: RGGPEKHEVTGWVLVSPLSKEDAGEYECHASNSQGQASASAKITVVDALH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29 kDa
Gene Name:	insulin like growth factor binding protein 7
Database Link:	<a href="#">NP_001544</a> <a href="#">Entrez Gene 29817 Mouse</a> <a href="#">Entrez Gene 3490 Human</a> <a href="#">Q16270</a>



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<b>Background:</b>	This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID:21835307). [provided by RefSeq, Dec 2011]
<b>Synonyms:</b>	AGM; FSTL2; IBP-7; IGFBP-7; IGFBP-7v; IGFBPRP1; MAC25; PSF; RAMSVPS; TAF
<b>Note:</b>	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 93%; Sheep: 93%
<b>Protein Families:</b>	Secreted Protein

**Product images:**

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