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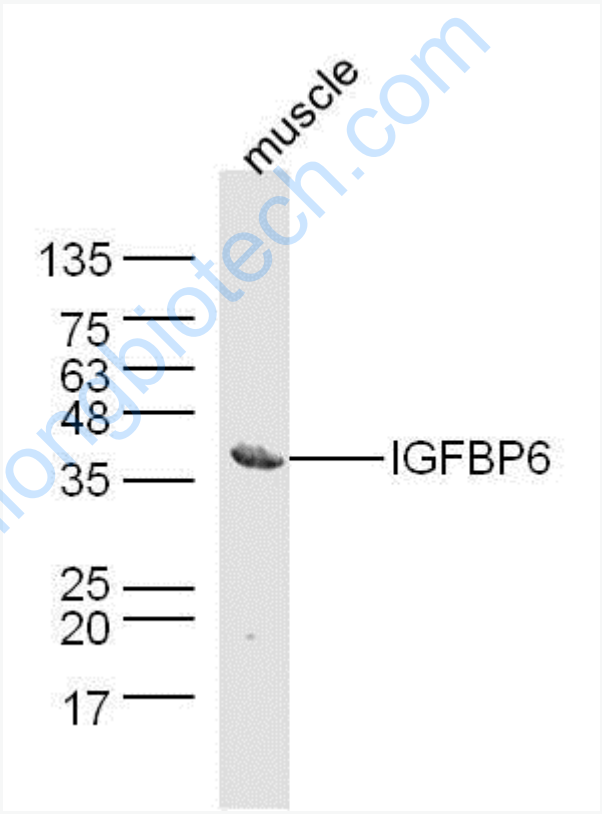
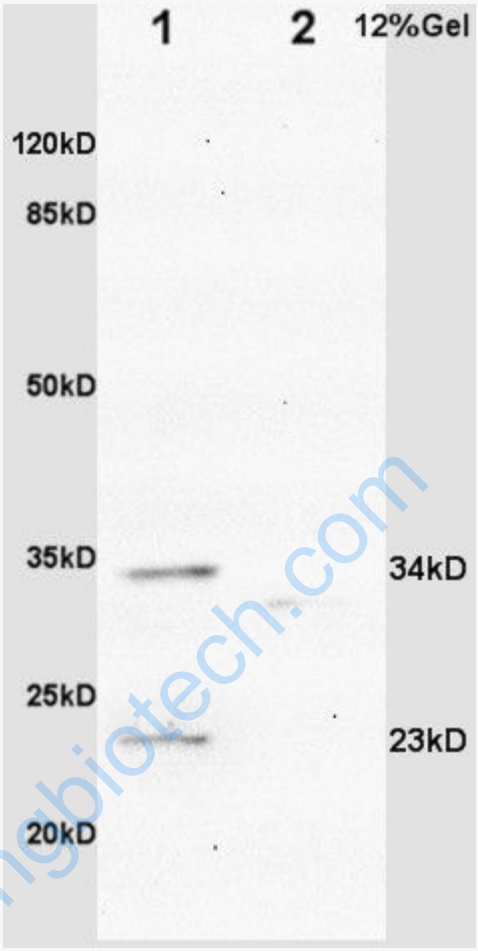
Rabbit Anti-IGFBP6 antibody

SL4064R

Product Name:	IGFBP6
Chinese Name:	胰岛素样生长因子Binding protein6抗体
Alias:	IBP 6; IBP-6; IBP6; IBP6_HUMAN; IGF binding protein 6; IGF-binding protein 6; IGFBP 6; IGFBP-6; IGFBP6; Insulin like growth factor binding protein 6; Insulin-like growth factor-binding protein 6.
文献引用 PubMed :	**Specific References(1)**|SL4064R has been referenced in 1 publications. **[IF=4.20]**Yuan, Qing, et al. "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." International Journal of Nanomedicine 9 (2014): 4829.**WB;Mouse**. PubMed:25378924
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	23kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IGFBP6:141-240/240
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. **Function:** IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. **Subcellular Location:** Secreted. **Post-translational modifications:** O-linked glycans consist of hexose (probably Gal), N-acetylhexosamine (probably GalNAc) and sialic acid residues. O-glycosylated with core 1 or possibly core 8 glycans. O-glycosylated on one site only in the region AA 143-168 in cerebrospinal fluid. **Similarity:** Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain. **SWISS:** P24592 **Gene ID:** 3489 **Database links:** Entrez Gene: 3489 Human Entrez Gene: 16012 Mouse Entrez Gene: 25641 Rat Omim: 146735 Human SwissProt: P24592 Human SwissProt: P47880 Mouse SwissProt: P35572 Rat

	Unigene: 274313 Human Unigene: 358609 Mouse Unigene: 6431 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: muscle (Mouse) Lysate at 40 ug Primary: Anti- IGFBP6 (SL4064R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kD Observed band size: 36 kD



Sample:

Brain (Rat) Lysate at 40 ug

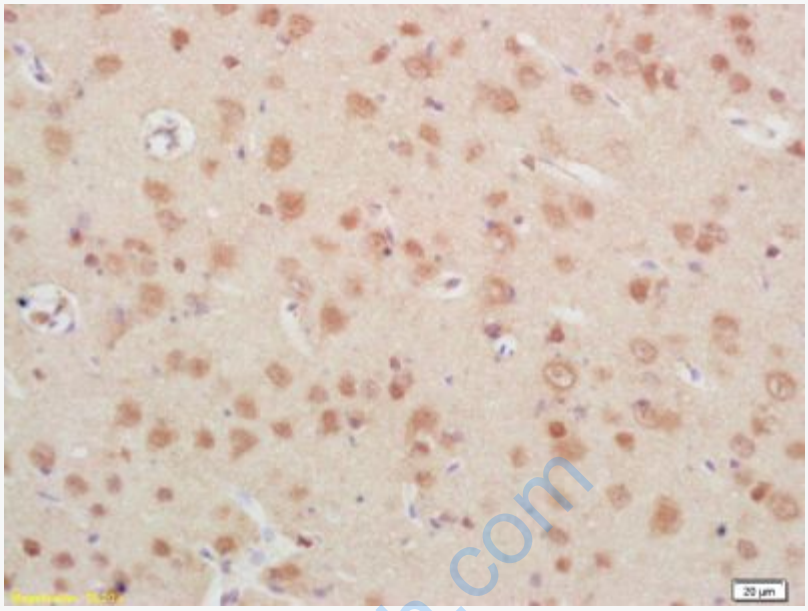
Intestine (Mouse) Lysate at 40 ug

Primary: Anti-IGFBP6 (SL4064R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL4064R) at 1/5000 dilution

Predicted band size: 23 kD

Observed band size: 23 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-IGFBP6 Polyclonal Antibody, Unconjugated(SL4064R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining