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Rabbit Anti-IGFBP6/AP Conjugated antibody

SL4064R-AP

Product Name	Anti-IGFBP6/AP
Chinese Name	碱性磷酸酶（AP）标记的胰岛素样生长因子 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.
Research Area	Tumour Cell biology immunology Growth factors and hormones transcriptional regulatory factor Binding protein
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Applications	WB=1000-10000,IHC-P=1:100-500,IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	23kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human IGFBP6
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** 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.

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.