



SPB6 Polyclonal Antibody

Catalog No	YP-Ab-06159
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SERPINB6 PI6 PTI
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SPB6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PI6;PTI;Serp B6;CAP;Cytoplasmic antiproteinase;SPB6;SERPINB6 PI6 PTI; Serpin B6 (Cytoplasmic antiproteinase) (CAP) (Peptidase inhibitor 6) (PI-6) (Placental thrombin inhibitor)
Observed Band	41kD
Calculated Molecular Weight	41kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Expressed in keratinocytes (at protein level). Highest levels in skeletal muscle. Also found in placenta, cardiac muscle, lung, liver, kidney and pancreas. Expressed in the inner ear hair cells. Expressed abundantly by normal mast cells in different tissues and by mast cells in mastocytoma lesions.
Function	function:Inhibits thrombin.,similarity:Belongs to the serpin family., similarity:Belongs to the serpin family. Ov-serpin subfamily.,tissue specificity:Highest levels in skeletal muscle. Also found in placenta, cardiac muscle, lung, liver, kidney and pancreas.,
Background	The protein encoded by this gene is a member of the serpin (serine proteinase inhibitor) superfamily, and ovalbumin(ov)-serpin subfamily. It was originally discovered as a placental thrombin inhibitor. The mouse homolog was found to



be expressed in the hair cells of the inner ear. Mutations in this gene are associated with nonsyndromic progressive hearing loss, suggesting that this serpin plays an important role in the inner ear in the protection against leakage of lysosomal content during stress, and that loss of this protection results in cell death and sensorineural hearing loss. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2010],

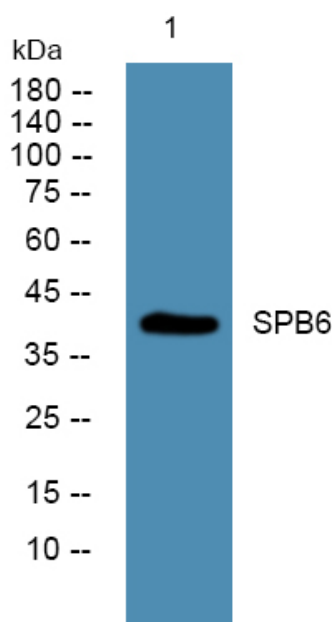
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night