



Human SERPINB6 blocking peptide (CDBP2649)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SERPINB6 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name [SERPINB6 serpin peptidase inhibitor, clade B \(ovalbumin\), member 6 \[Homo sapiens \]](#)

Official Symbol	SERPINB6
Synonyms	SERPINB6; serpin peptidase inhibitor, clade B (ovalbumin), member 6; deafness, autosomal recessive 91 , DFNB91, PI6, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6; serpin B6; CAP; cytoplasmic antiproteinase; PTI; PI-6; protease inhibitor 6 (placental thrombin inhibitor); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 6; PI6; SPI3; DFNB91; MSTP057; MGC111370; DKFZp686I04222;
Entrez Gene ID	5269
mRNA Refseq	NM_001195291
Protein Refseq	NP_001182220
UniProt ID	P35237
Chromosome Location	6p25
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;
Function	peptidase inhibitor activity; protease binding; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;