



Human CDH23 blocking peptide (CDBP0745)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CDH23/USH1D antibody
Antigen Description	This gene is a member of the cadherin superfamily, whose genes encode calcium dependent cell-cell adhesion glycoproteins. The encoded protein is thought to be involved in stereocilia organization and hair bundle formation. The gene is located in a region containing the human deafness loci DFNB12 and USH1D. Usher syndrome 1D and nonsyndromic autosomal recessive deafness DFNB12 are caused by allelic mutations of this cadherin-like gene. Upregulation of this gene may also be associated with breast cancer. Alternative splice variants encoding different isoforms have been described.
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	CDH23 cadherin-related 23 [Homo sapiens]
Official Symbol	CDH23
Synonyms	CDH23; cadherin-related 23; cadherin related 23 , cadherin like 23 , DFNB12, USH1D;

cadherin-23; cadherin related family member 23; CDHR23; otocadherin; cadherin-like 23;
cadherin-related family member 23; USH1D; FLJ00233; FLJ36499; KIAA1774; KIAA1812;
MGC102761; DKFZp434P2350;

Entrez Gene ID	64072
mRNA Refseq	NM_001171930
Protein Refseq	NP_001165401
UniProt ID	Q9H251
Chromosome Location	10q22.1
Function	calcium ion binding; protein binding;