



Anti-CTSW (full length) polyclonal antibody (DPAB-DC674)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene, a member of the peptidase C1 family, is a cysteine proteinase that may have a specific function in the mechanism or regulation of T-cell cytolytic activity. The encoded protein is found associated with the membrane inside the endoplasmic reticulum of natural killer and cytotoxic T-cells. Expression of this gene is up-regulated by interleukin-2.
Immunogen	CTSW (AAH48255, 22 a.a. ~ 376 a.a) full-length recombinant protein with GST tag. The sequence is IRGPLRAQDLGPQPLELKEAFKLFQIQFNRSYLSPEEHAHRLDIFAHNLAQAQRLQEEDL GTAIEFGVTPFSDLTEEEFGQLYGYRRAAGGVPSMGREIRSEEPEESVPFSCDWRKVAGAI SPIKDQKNCNCWAMAAAGNIETLWRISFWDFVDVSVQELLDCGRCDGCHGGFVWDAFI TVLNNSGLASEKDYPFQGKVRAHRCHPKKYQKVAWIQDFIMLQNNEHRIAQYLATYGPIT VTINMKPLQLYRKGVKATPTTCDPQLVDHSVLLVGFGSVKSEEGIWAETVSSQSQPQPP HPTPYWILKNSWGAQWGEKGYFRLHRGSNTCGITKFPLTARVQKPDMPKPRVSCPP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CTSW cathepsin W [Homo sapiens (human)]
Official Symbol	CTSW
Synonyms	CTSW; cathepsin W; LYPN; lymphopain;
Entrez Gene ID	1521
Protein Refseq	NP_001326
UniProt ID	P56202
Chromosome Location	11q13.1
Pathway	Lysosome.
Function	cysteine-type peptidase activity;