antibodies -online.com







anti-CSAG2 antibody





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Quantity:	0.1 mg
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Target:	CSAG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSAG2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide derived from the human Trag-3 protein	
Isotype:	IgG	
Specificity:	This antibody detects Trag 3. Weakly expressed in kidney. Expressed in various tumor cell lines including carcinomas, myeloid and lymphoid malignancies, melanomas and prostate cancer. Overexpressed in taxol-resistant breast cancer line MDA 435(TR) and the doxorubicin-resistant multiple myelanoma lines 8226/Dox(40).	
Purification:	Purified	

Target Details

Target:	CSAG2	
Alternative Name:	CSAG2 (CSAG2 Products)	
Background:	d: The expression of the cancer-testis antigen Taxol resistance-associated gene-3 (TRAG-3) is	

associated with acquired paclitaxel (Taxol) resistance, and is expressed in a variety of cancers e.g., breast cancer, leukemia, and melanoma. Overexpressed in taxol-resistant breast cancer line MDA 435(TR) and the doxorubicin-resistant multiple myelanoma lines 8226/Dox(40) and 8226/MDR(10)V. Weakly expressed in kidney. TRAG-3 is an attractive target for immunotherapy of cancer. First identified as a novel cancer/testis antigen, TRAG-3, (Taxol Resistance Associated Gene-3) was initially discovered in a search for new genes involved in drug resistance. Early studies of TRAG-3 revealed a minimal to absent expression in normal tissues and a marked over-expression in many carcinoma cell lines including several melanoma lines. By RT-PCR evaluation of TRAG-3 two transcripts are seen in many carcinoma cell lines with products in the the 799 bp and a second alternatively spliced transcript. Synonyms: CT24.2, Cancer/testis antigen 24.2, Chondrosarcoma-associated gene 2/3 protein, TRAG-3, TRAG3, Taxol-resistant-associated gene 3 protein

Gene ID:	389903
NCBI Accession:	NP_001074317
UniProt [.]	09Y5P2

Application Details

Restrictions:	For Research Use only
	Optimal dilutions are dependent on conditions and should be determined by the user.
	Other applications not tested.
Application Notes:	Western blot: 0.5-2 μg/mLELISA.

Handling

Buffer:	Phosphate buffered saline with 0.08 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Store the product (in aliquots) at -20 °C. Can be shipped at 2 - 8 °C.	

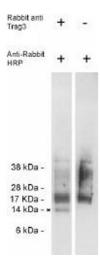


Image 1.