

Datasheet for ABIN307032 **anti-CSAG2 antibody**



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1 Image

Overview

Quantity:	100 µg
Target:	CSAG2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSAG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide derived from the human Trag-3 protein.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	<p>Chondrosarcoma-associated protein 2, Taxol-resistant-associated protein 3, TRAG-3, CSAG2, TRAG3, 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 myeloma 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</p>

Product Details

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.

Purification: Ammonium Sulfate Precipitation

Target Details

Target: CSAG2

Alternative Name: Trag 3 (Taxol-resistant-associated protein 3) ([CSAG2 Products](#))

UniProt: [Q9Y5P2](#)

Application Details

Application Notes: Antibody can be used for Western blotting (0.5-2 µg/mL). Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

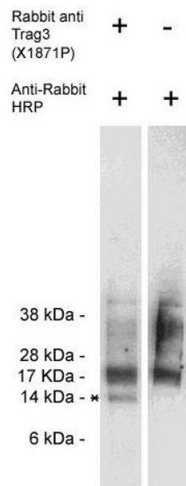
Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles



Western Blotting

Image 1. Western blot of endogenous Trag3 present in Jurkat cell lysate (10 ug/lane) using X1872P (0.5 ug/ml) and developed using anti-rabbit HRP (1:75k) and Pierce's Super Signal West Femto.