OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP05264SU-N

CSAG3 Rabbit Polyclonal Antibody

Product data:

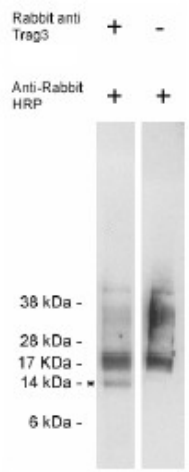
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Western blot: 0.5-2 µg/ml ELISA.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from the human Trag-3 protein
Specificity:	This antibody detects Trag 3. Weakly expressed 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).
Formulation:	Phosphate buffered saline with 0.08 % sodium azide State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the product (in aliquots) at -20 °C. Can be shipped at 2 - 8 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	CSAG family member 3
Database Link:	Entrez Gene 389903 Human Q9Y5P2

View online »

Background: 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: TRAG3, CT24.2, TRAG-3

Product images:



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