

**CSAG2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5424a****Specification**

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**CSAG2 Antibody (N-term) - Product Information**

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Application       | IHC-P, WB,E                                                                                                                       |
| Primary Accession | <a href="#">Q9Y5P2</a>                                                                                                            |
| Other Accession   | <a href="#">NP_001074317.2</a> , <a href="#">NP_001123300.1</a> ,<br><a href="#">NP_001123298.1</a> , <a href="#">NP_004900.2</a> |
| Reactivity        | Human                                                                                                                             |
| Host              | Rabbit                                                                                                                            |
| Clonality         | Polyclonal                                                                                                                        |
| Isotype           | Rabbit IgG                                                                                                                        |
| Calculated MW     | 14430                                                                                                                             |
| Antigen Region    | 1-30                                                                                                                              |

**CSAG2 Antibody (N-term) - Additional Information****Gene ID** 102723547;389903**Other Names**Chondrosarcoma-associated gene 2/3 protein, Cancer/testis antigen 242, CT242,  
Taxol-resistant-associated gene 3 protein, TRAG-3, CSAG2, TRAG3**Target/Specificity**

This CSAG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CSAG2.

**Dilution**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CSAG2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CSAG2 Antibody (N-term) - Protein Information**

**Name** CSAG2

**Synonyms** TRAG3

**Function** Drug-resistance related protein, its expression is associated with the chemotherapy resistant and neoplastic phenotype. May also be linked to the malignant phenotype.

**Tissue Location**

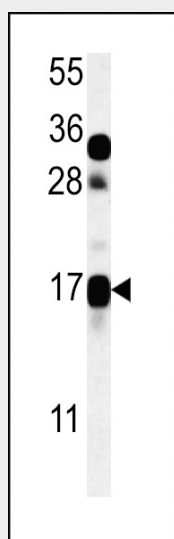
Weakly expressed in kidney. Expressed in various tumor cell lines including carcinomas, myeloid and lymphoid malignancies, melanomas and prostate cancer. Overexpressed in taxol- resistant breast cancer line MDA 435TR and the doxorubicin-resistant multiple myeloma lines RPMI-8226/Dox40 and RPMI-8226/MDR10V

**CSAG2 Antibody (N-term) - Protocols**

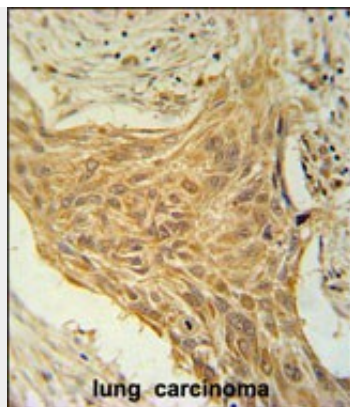
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CSAG2 Antibody (N-term) - Images**



CSAG2 Antibody (N-term)(Cat. #AP5424a) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the CSAG2 antibody detected the CSAG2 protein (arrow).



CSAG2 Antibody (N-term) (Cat. #AP5424a) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CSAG2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **CSAG2 Antibody (N-term) - References**

- Hansen, M.A., et al. Mol. Reprod. Dev. 75(2):219-229(2008)  
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Ohta, M., et al. Oncol. Rep. 15(6):1529-1532(2006)  
Yao, X., et al. Cancer Genet. Cytogenet. 151(1):1-13(2004)  
Lin, C., et al. Gene 285 (1-2), 269-278 (2002) :  
Venter, J.C., et al. Science 291(5507):1304-1351(2001)  
Feller, A.J., et al. Anticancer Res. 20 (6B), 4147-4151 (2000) :  
Duan, Z., et al. Gene 229 (1-2), 75-81 (1999) :