

Rabbit anti-Human, Mouse CAGE1 Polyclonal Antibody | anti-CAGE1 antibody

CAGE1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324548	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CAGE1; Polyclonal Antibody; CAGE1 Antibody; bA69L16.7; CAGE 1; CAGE-1; CAGE1_HUMAN; Cancer antigen 1; Cancer associated gene 1 protein; Cancer-associated gene 1 protein; Cancer/testis antigen 3; Cancer/testis antigen 95; Cancer/testis antigen gene 1; CT3; CT95; CTAG3; FLJ40441; OTTHUMP00000221200; anti-CAGE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CAGE1 antibody detects endogenous levels of total CAGE1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	839
Applicable Applications for anti-CAGE1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Testis-specific expression in normal tissues, but wide expression among cancer tissues and cell lines.
Predicted Cross Reactivity	Pig, Horse, Rabbit
Similarity	Pig (82%), Horse (91%), Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from mouse brain, using CAGE1 antibody.


WB (Western Blot)

Western blot analysis of extracts from HT-29 cells, using CAGE1 antibody.



IHC (Immunohistochemistry)

AAA324548 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA324548 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	282394043
NCBI GeneID	285782
NCBI Accession #	NP_001164163.1
NCBI GenBank Nucleotide #	NM_001170692.1
UniProt Accession #	Q8TC20; Q5TAM0; Q86TM4; Q8N7R5; D6RCT9
Molecular Weight	Observed: 90 kD Predicted: 91 kDa
NCBI Official Full Name	cancer-associated gene 1 protein isoform 1
NCBI Official Synonym Full Names	cancer antigen 1
NCBI Official Symbol	CAGE1
NCBI Official Synonym Symbols	CT3; CT95; CTAG3; bA69L16.7
NCBI Protein Information	cancer-associated gene 1 protein
UniProt Protein Name	Cancer-associated gene 1 protein
UniProt Gene Name	CAGE1
UniProt Synonym Gene Names	CTAG3; CAGE-1; CT3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cage1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324548>