

Rabbit anti-Human CTAG2 Polyclonal Antibody | anti-CTAG2 antibody

CTAG2 Antibody (Center)

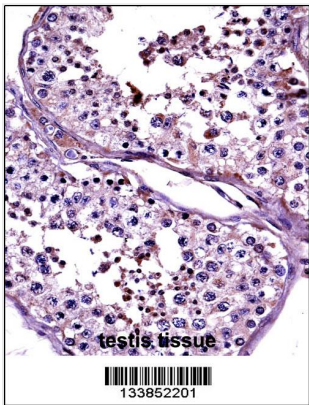
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284747	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

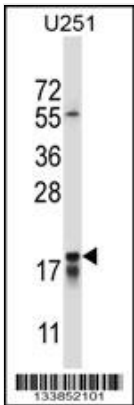
CTAG2; Polyclonal Antibody; CTAG2 Antibody (Center); Cancer/testis antigen 2; CT2; Autoimmunogenic cancer/testis antigen NY-ESO-2; Cancer/testis antigen 62; CT62; L antigen family member 1; LAGE-1; ESO2; LAGE1; anti-CTAG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CTAG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-149 amino acids from the Central region of human CTAG2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	122-149
Sequence Length	180
Applicable Applications for anti-CTAG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
CTAG2 Antibody (Center) (AAA284747)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CTAG2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CTAG2 Antibody (Center) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the CTAG2 antibody detected the CTAG2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CTAG2 antibody	This gene encodes an autoimmunogenic tumor antigen that belongs to the ESO/LAGE family of cancer-testis antigens. This protein is expressed in a wide array of cancers including melanoma, breast cancer, bladder cancer and prostate cancer. This protein is also expressed in normal testis tissue. An alternative open reading frame product of this gene has been described in PMID 10399963. This alternate protein, termed CAMEL, is a tumor antigen that is recognized by melanoma-specific cytotoxic T-lymphocytes. Alternate splicing results in multiple transcript variants. [provided by RefSeq].
Product Categories/Family for anti-CTAG2 antibody	Cancer
References	Wang, X.Y., et al. Oncol. Rep. 21(3):713-719(2009) Shao, Y., et al. J. Cancer Res. Clin. Oncol. 134(4):495-502(2008) Andrade, V.C., et al. Cancer Immun. 8, 2 (2008) : Kan, T., et al. Oncology 70(1):25-33(2006) Scanlan, M.J., et al. Immunol. Rev. 188, 22-32 (2002) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	543583752
NCBI GeneID	30848
NCBI Accession #	NP_066274.2; NP_758965.2
NCBI GenBank Nucleotide #	NM_020994.4
UniProt Accession #	O75638; O75637; Q0VIL6; Q14CD6; Q2Z1N4; Q9BU80; Q9UJ89; Q9Y479
Molecular Weight	21061
NCBI Official Full Name	cancer/testis antigen 2 isoform LAGE-1b
NCBI Official Synonym Full Names	cancer/testis antigen 2
NCBI Official Symbol	CTAG2
NCBI Official Synonym Symbols	CT2; ESO2; CAMEL; CT6.2; CT6.2a; CT6.2b; LAGE-1; LAGE2B

NCBI Protein Information	cancer/testis antigen 2
UniProt Protein Name	Cancer/testis antigen 2
UniProt Gene Name	CTAG2
UniProt Synonym Gene Names	ESO2; LAGE1; CT2; CT6.2; LAGE-1
UniProt Entry Name	CTAG2_HUMAN

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/ctag2-antibody-immunohistochemistry-western-blot-elisa/284747>