

CTAG1A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13527a

Specification

CTAG1A Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	P78358
Other Accession	NP_640343.1 , NP_001318.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1-30

CTAG1A Antibody (N-term) - Additional Information

Gene ID 1485;246100

Other Names

Cancer/testis antigen 1, Autoimmunogenic cancer/testis antigen NY-ESO-1, Cancer/testis antigen 61, CT61, L antigen family member 2, LAGE-2, CTAG1A, CTAG, CTAG1, ESO1, LAGE2, LAGE2A

Target/Specificity

This CTAG1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CTAG1A.

Dilution

WB~~1:1000

IHC-P~~1:250

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

CTAG1A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CTAG1A Antibody (N-term) - Protein Information

Name CTAG1A

Synonyms CTAG, CTAG1, ESO1, LAGE2, LAGE2A

Cellular Location

Cytoplasm.

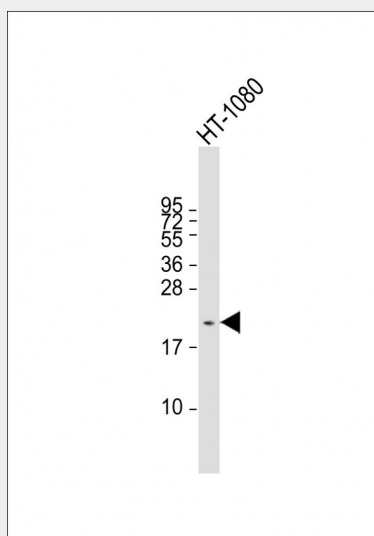
Tissue Location

Expressed in testis and ovary and in a wide variety of cancers. Detected in uterine myometrium. Expressed from 18 weeks until birth in human fetal testis. In the adult testis, is strongly expressed in spermatogonia and in primary spermatocytes, but not in post-meiotic cells or in testicular somatic cells (at protein level)

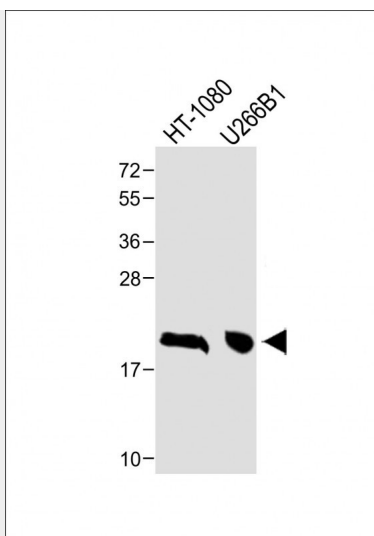
CTAG1A Antibody (N-term) - Protocols

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

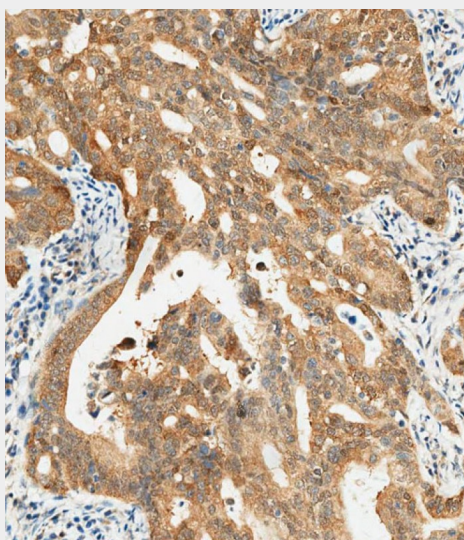
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTAG1A Antibody (N-term) - Images

Anti-CTAG1A Antibody (N-term) at 1:2000 dilution + HT-1080 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-CTAG1A Antibody (N-term) at 1:1000 dilution Lane 1: HT-1080 whole cell lysate
Lane 2: U266B1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



AP13527a staining CTAG1A in human gastric carcinoma tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Samples were incubated with primary antibody (1/250) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

CTAG1A Antibody (N-term) - Background

CTAG1A is an identical copy of the CTAG1B gene (MIM 300156) (Aradhya et al., 2001 [PubMed 11709543]).[supplied by OMIM].

CTAG1A Antibody (N-term) - References

Yoshida, N., et al. Int. J. Oncol. 28(5):1089-1098(2006)
Cho, H.J., et al. Cancer Immun. 6, 12 (2006) :
Ross, M.T., et al. Nature 434(7031):325-337(2005)
Scanlan, M.J., et al. Immunol. Rev. 188, 22-32 (2002) :

Satie, A.P., et al. Lab. Invest. 82(6):775-780(2002)