

ARG63711 anti-XAGE1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes XAGE1
Tested Reactivity	Hu
Tested Application	IHC-P
Specificity	This antibody is expected to recognise isoform d (NP_597673.1) only. Reported variants represent identical protein (NP_597673.1; NP_001091067.1; NP_001091074.1; NP_001091062.1; NP_001091065.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	XAGE1
Species	Human
Immunogen	CGFGFRRQGEDNT
Conjugation	Un-conjugated
Alternate Names	XAGE1C; XAGE1D; XAGE1; CTP9; Cancer/testis antigen 12.1; XAGE-1; G antigen family D member 2; X antigen family member 1; CT12.1D; CT12.1E; CT12.1C; GAGED2; CT12.1

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 6 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 653067 Human](#)

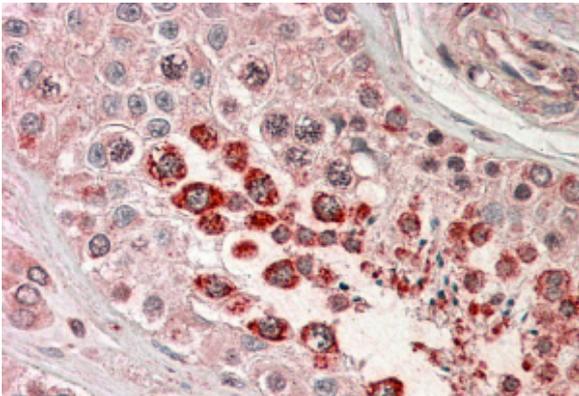
[Swiss-port # Q9HD64 Human](#)

Background This gene is a member of the XAGE subfamily, which belongs to the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. The protein encoded by this gene contains a nuclear localization signal and shares a sequence similarity with other GAGE/PAGE proteins. Because of the expression pattern and the sequence similarity, this protein also belongs to a family of CT (cancer-testis) antigens. Alternative splicing of this gene, in addition to alternative transcription start sites, results in multiple transcript variants. [provided by RefSeq, Jan 2010]

Research Area Cancer antibody; Controls and Markers antibody; Signaling Transduction antibody

Calculated Mw 9 kDa

Images



ARG63711 anti-XAGE1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Testis. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63711 anti-XAGE1 (Isoform 1d) / GAGED2 antibody at 3.8 μ g/ml dilution followed by AP-staining.