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anti-XAGE1B/GAGED2 antibody (Middle Region)



Image



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Quantity:	100 μL
Target:	XAGE1B/GAGED2 (XAGE1B)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XAGE1B/GAGED2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human XAGE1B
Sequence:	HERHTQTQNH TASPRSPVME SPKKKNQQLK VGILHLGSRQ KKIRIQLRSQ
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against XAGE1B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	XAGE1B/GAGED2 (XAGE1B)
Alternative Name:	XAGE1B (XAGE1B Products)
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.

Alias Symbols: CT12.1, CT12.1B, CTP9, GAGED2

Protein Size: 160

 Molecular Weight:
 17 kDa

 Gene ID:
 653220

 NCBI Accession:
 NM_001097595, NP_001091064

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: XAGE1B Sample Type: OVCAR-3 Whole Cell lysates Antibody Dilution: 1.0ug/ml