

For Research Use Only

# XAGE2 Polyclonal antibody, PBS Only

Catalog Number: 33118-1-PBS



## Basic Information

<b>Catalog Number:</b> 33118-1-PBS	<b>GenBank Accession Number:</b> NM_130777	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9502	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96GT9	
<b>Isotype:</b> IgG	<b>Full Name:</b> X antigen family, member 2	
<b>Immunogen Catalog Number:</b> AG35814	<b>Calculated MW:</b> 12kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

XAGE2 (member 2 of the X antigen family), also known as CT12.2, GAGED3, XAGE-2, and XAGE2B, is a cancer-testis (CT) antigen that belongs to the GAGE family. This protein is strongly expressed in normal testes and is abnormally expressed in various tumors, including Ewing's sarcoma, rhabdomyosarcoma, breast cancer, and germ cell tumors. The XAGE2 protein shares sequence similarity with other GAGE/PAGE proteins, and its expression pattern and sequence similarity make it a member of the CT antigen family.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

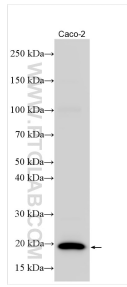
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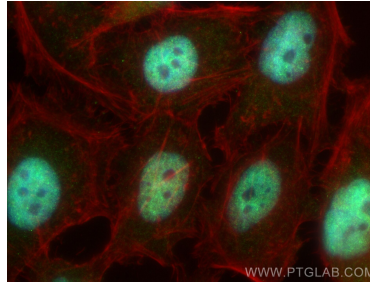
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33118-1-AP (XAGE2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33118-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using XAGE2 antibody (33118-1-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 33118-1-PBS in a different storage buffer formulation.