

For Research Use Only

# GAS6 Polyclonal antibody

Catalog Number: 13795-1-AP **8 Publications**



## Basic Information

<b>Catalog Number:</b> 13795-1-AP	<b>GenBank Accession Number:</b> BC038984	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 2621	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q14393	
<b>Isotype:</b> IgG	<b>Full Name:</b> growth arrest-specific 6	
<b>Immunogen Catalog Number:</b> AG4617	<b>Calculated MW:</b> 678 aa, 75 kDa	
	<b>Observed MW:</b> 75 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b> WB : human urine sample, DU 145 cells, mouse heart tissue, rat heart tissue IHC : human lung cancer tissue, human spleen tissue IF : HeLa cells,
<b>Cited Applications:</b> WB, IF, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Growth arrest-specific protein 6 (GAS6) is also named as AXLLG. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses (PMID:12364394, PMID:18840707). It can bridge virus envelope phosphatidylserine to the TAM receptor tyrosine kinase Axl to mediate viral entry by apoptotic mimicry (PMID:21501828).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yingying Shen	30289981	Int J Cancer	WB
Zhen Wang	35546091	Transplantation	WB
Hua Qian	32369236	FASEB J	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

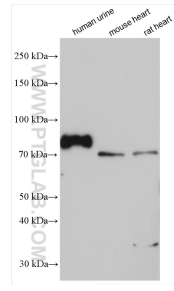
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

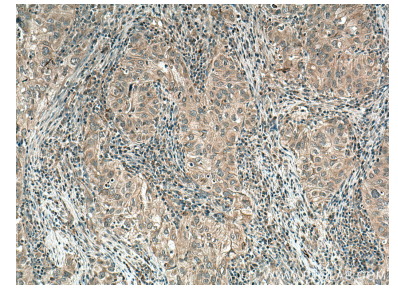
## Selected Validation Data



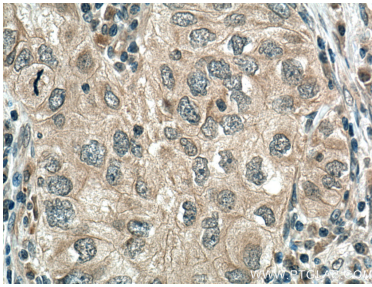
human urine sample were subjected to SDS PAGE followed by western blot with 13795-1-AP (GAS6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



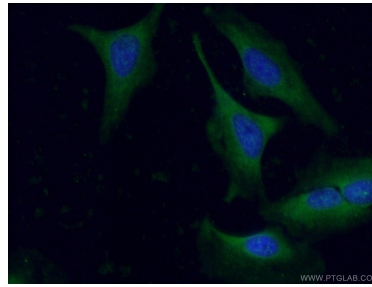
Various lysates were subjected to SDS PAGE followed by western blot with 13795-1-AP (GAS6 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13795-1-AP (GAS6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 13795-1-AP (GAS6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 13795-1-AP (GAS6 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).