

For Research Use Only

AGER Polyclonal antibody

Catalog Number: 16346-1-AP **19 Publications**



Basic Information

Catalog Number: 16346-1-AP	GenBank Accession Number: BC020669	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 177	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: advanced glycosylation end product-specific receptor	
Isotype: IgG	Calculated MW: 404 aa, 43 kDa	
Immunogen Catalog Number: AG9540	Observed MW: 43 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse lung tissue, IHC : human renal cell carcinoma tissue, human lung cancer tissue
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Advanced glycosylation end product-specific receptor (AGER, also known as RAGE) is a multiligand receptor of the immunoglobulin superfamily. It interacts with distinct molecules implicated in homeostasis, development, and inflammation, and certain diseases such as diabetes and Alzheimer disease.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuxing Zhao	30246940	J Cell Mol Med	WB, IF
Qing-Qing Qian	31520526	J Neurochem	
Shilong Zhang	33013386	Front Pharmacol	WB

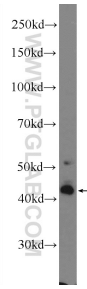
Storage

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

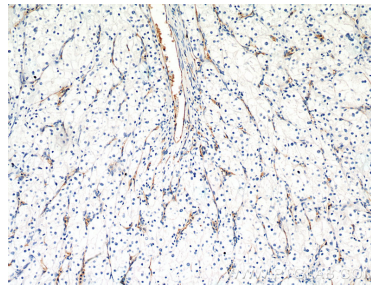
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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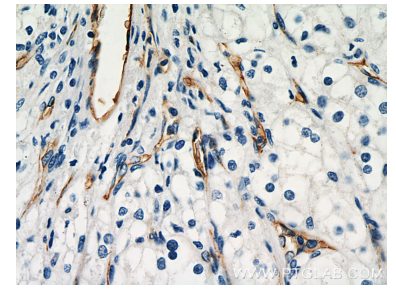
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 16346-1-AP (AGER Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 16346-1-AP (AGER Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 16346-1-AP (AGER Antibody) at dilution of 1:200 (under 40x lens).