

For Research Use Only

AGER Polyclonal antibody

Catalog Number: 16346-1-AP

Featured Product

31 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;	GeneID (NCBI): 177	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:2000-1:8000
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

Cited Applications:
IF, IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue, rat lung tissue

IHC : mouse lung tissue, human lung tissue, human renal cell carcinoma tissue

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, inflammation, and certain diseases such as diabetes and Alzheimer's 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

*** 20ul sizes contain 0.1% BSA

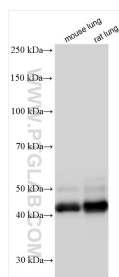
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

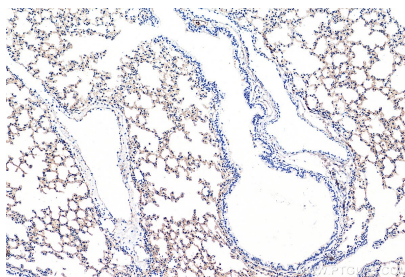
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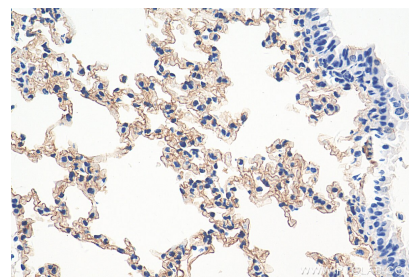
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16346-1-AP (AGER antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 16346-1-AP (AGER antibody) at dilution of 1:4000 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 16346-1-AP (AGER antibody) at dilution of 1:4000 (under 40x lens).