

**RAGE Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6910c****Specification**

---

**RAGE Antibody (Center) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, WB,E               |
| Primary Accession | <a href="#">O9UQ07</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Antigen Region    | 206-234                |

**RAGE Antibody (Center) - Additional Information****Gene ID** 5891**Other Names**

MAPK/MAK/MRK overlapping kinase, MOK protein kinase, Renal tumor antigen 1, RAGE-1, MOK, RAGE, RAGE1

**Target/Specificity**

This RAGE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-234 amino acids from the Central region of human RAGE.

**Dilution**

IF~~1:10~50

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RAGE Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**RAGE Antibody (Center) - Protein Information****Name** MOK**Synonyms** RAGE, RAGE1

**Function** Able to phosphorylate several exogenous substrates and to undergo autophosphorylation. Negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q9WVS4}. Cell projection, cilium {ECO:0000250|UniProtKB:Q9WVS4}. Nucleus {ECO:0000250|UniProtKB:Q9WVS4}

**Tissue Location**

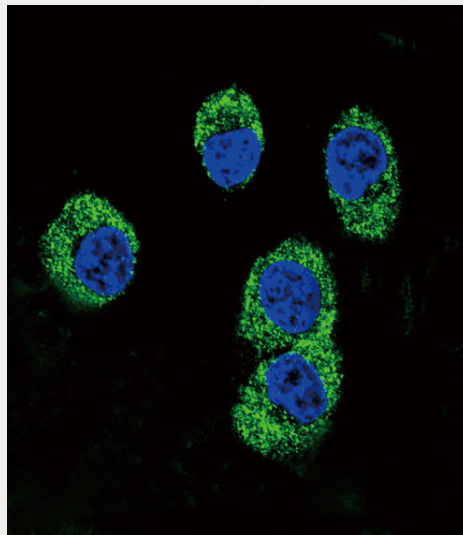
Expressed in heart, brain, lung, kidney, and pancreas, and at very low levels in placenta, liver and skeletal muscle. Detected in retina

**RAGE Antibody (Center) - Protocols**

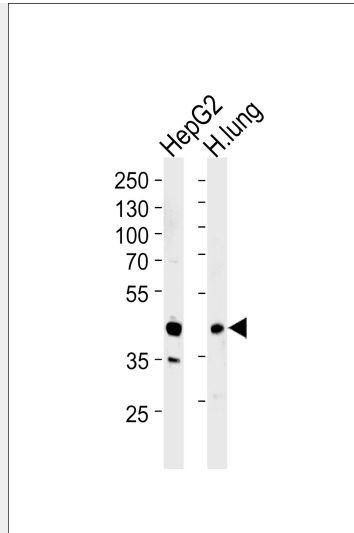
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

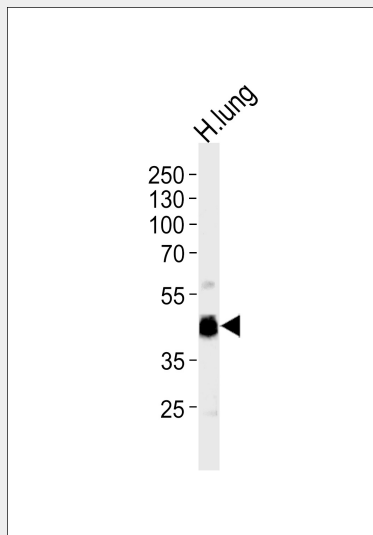
**RAGE Antibody (Center) - Images**



Confocal immunofluorescent analysis of RAGE Antibody (Center)(Cat#AP6910c) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



Western blot analysis of lysates from HepG2 cell line and human lung tissue lysates (from left to right), using RAGE Antibody (Center)(Cat. #AP6910c). AP6910c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Western blot analysis of lysate from human lung tissue lysate, using RAGE Antibody (Center)(Cat. #AP6910c). AP6910c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

### **RAGE Antibody (Center) - Background**

RAGE is able to phosphorylate several exogenous substrates and to undergo autophosphorylation.

### **RAGE Antibody (Center) - References**

Peng,W.H., et.al., Arch. Med. Res. 40 (5), 393-398 (2009)

### **RAGE Antibody (Center) - Citations**

- [AGEs-Induced Calcification and Apoptosis in Human Vascular Smooth Muscle Cells Is Reversed by Inhibition of Autophagy](#)