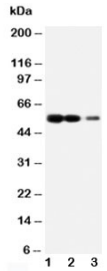
RAGE Antibody (R30250)

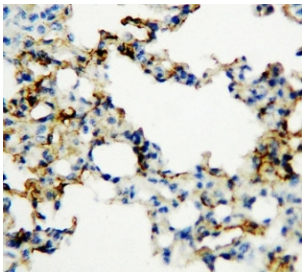
Catalog No.	Formulation	Size
R30250	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q15109
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml IHC (Frozen): 0.5-1ug/ml
Limitations	This RAGE antibody is available for research use only.



Western blot testing of RAGE antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng



IHC-P: RAGE antibody testing of rat lung tissue

Description

The receptor for advanced glycation end products(RAGE) is a multi-ligand member of the immunoglobulin superfamily of cell surface molecules. It interacts with distinct molecules implicated in homeostasis, development and inflammation, and certain diseases such as diabetes and Alzheimers disease. RAGE is also a central cell surface receptor for amphoterin and EN-RAGE. RAGE is associated with sustained NF-kappaB activation in the diabetic microenvironment and has a central role in sensory neuronal dysfunction. Moreover, RAGE propagates cellular dysfunction in several inflammatory disorders and diabetes, and it also functions as an endothelial adhesion receptor promoting leukocyte recruitment.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the RAGE antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human RAGE (KEQTRRHPETGLFTLQSEL) was used as the immunogen for this RAGE antibody.

Storage

After reconstitution, the RAGE antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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