

Datasheet for ABIN3029883  
**anti-RAGE antibody (AA 76-104)**

## 5 Images

[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	RAGE (AGER)
Binding Specificity:	AA 76-104
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAGE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 76-104 from the mouse protein was used as the immunogen for this RAGE antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	RAGE (AGER)
Alternative Name:	RAGE ( <a href="#">AGER Products</a> )
Background:	RAGE, the 'receptor for advanced glycation endproducts' is a transmembrane receptor of the immunoglobulin super family. The interaction between RAGE and its ligands, AGE and HMGB1, is thought to result in pro-inflammatory gene activation. Due to an enhanced level of RAGE

## Target Details

ligands in diabetes or other chronic disorders, this receptor is hypothesised to have a causative effect in a range of inflammatory diseases such as diabetic complications, Alzheimer's disease and even some tumors. [Wiki]

UniProt: [Q9WVS4](#)

Pathways: [Carbohydrate Homeostasis](#), [Toll-Like Receptors Cascades](#), [Smooth Muscle Cell Migration](#), [S100 Proteins](#)

## Application Details

Application Notes: Titration of the Rage antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

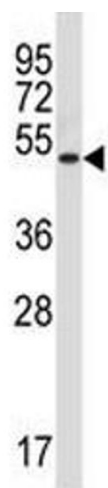
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

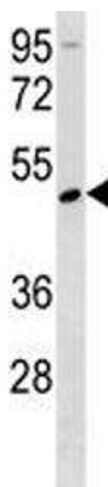
Storage: -20 °C

Storage Comment: Aliquot the Rage antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



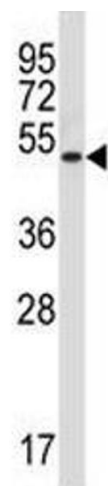
#### Western Blotting

**Image 1.** Rage antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight: 45-55 kDa.



#### Western Blotting

**Image 2.** Rage antibody western blot analysis in mouse Neuro-2a lysate. Predicted molecular weight: 45-55 kDa.



#### Western Blotting

**Image 3.** Rage antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight: 45-55 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029883.