Datasheet for ABIN7432304

anti-RAGE antibody (AA 91-274)

5 Images

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Overview

Quantity:	100 µL
Target:	RAGE (AGER)
Binding Specificity:	AA 91-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAGE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Receptor For Advanced Glycation Endproducts (RAGE)
Immunogen:	Recombinant Receptor For Advanced Glycation Endproducts (RAGE) corresdonding to Ile91~Asp274 plus NQARRGQLQALWEDQGWEL with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against RAGE. It has been selected for its ability to recognize RAGE in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

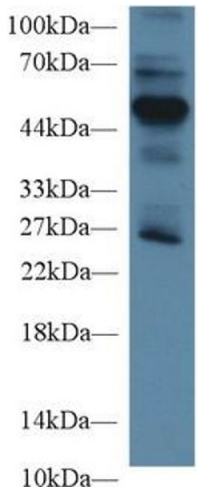
Target:	RAGE (AGER)
Alternative Name:	Receptor For Advanced Glycation Endproducts (AGER Products)
Background:	AGER, Receptor For Advanced Glycation Endproducts
Pathways:	Carbohydrate Homeostasis, Toll-Like Receptors Cascades, Smooth Muscle Cell Migration, S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

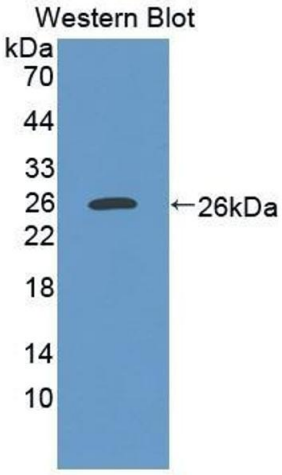
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



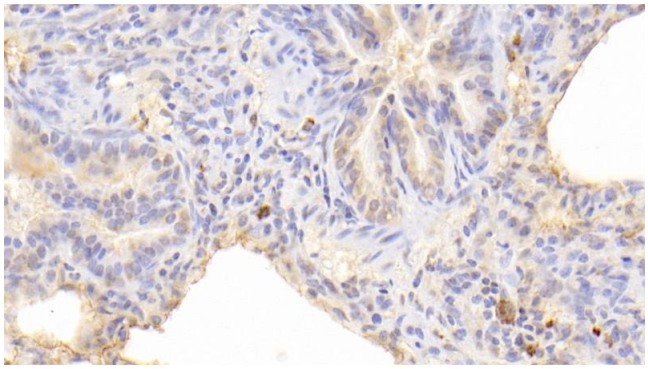
Western Blotting

Image 1. Detection of RAGE in Mouse Lung lysate using Polyclonal Antibody to Receptor For Advanced Glycation Endproducts (RAGE)



Western Blotting

Image 2. Detection of Recombinant AGER, Human using Polyclonal Antibody to Receptor For Advanced Glycation Endproducts (RAGE)



Immunohistochemistry

Image 3. Detection of RAGE in Human Lung Tissue using Polyclonal Antibody to Receptor For Advanced Glycation Endproducts (RAGE)

Please check the product details page for more images. Overall 5 images are available for ABIN7432304.