

Datasheet for ABIN389027  
**anti-RAGE antibody (N-Term)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	400 µL
Target:	RAGE (AGER)
Binding Specificity:	AA 29-59, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAGE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This RAGE (AGER) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-59 amino acids from the N-terminal region of human RAGE (AGER).
Clone:	RB04825-04826
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	RAGE (AGER)
Alternative Name:	RAGE (AGER) ( <a href="#">AGER Products</a> )

## Target Details

Background:	AGER is a member of the immunoglobulin superfamily of cell surface molecules. It is a receptor for various molecules, including the amyloidogenic form of serum amyloid A, amyloid-beta protein, members of the S100/calgranulin superfamily and advanced glycation end products.
Molecular Weight:	42803
Gene ID:	177
NCBI Accession:	<a href="#">NP_001127</a> , <a href="#">NP_001193858</a> , <a href="#">NP_001193861</a> , <a href="#">NP_001193863</a> , <a href="#">NP_001193865</a> , <a href="#">NP_001193869</a> , <a href="#">NP_001193883</a> , <a href="#">NP_001193895</a> , <a href="#">NP_751947</a>
UniProt:	<a href="#">Q15109</a>
Pathways:	<a href="#">Carbohydrate Homeostasis</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">S100 Proteins</a>

## Application Details

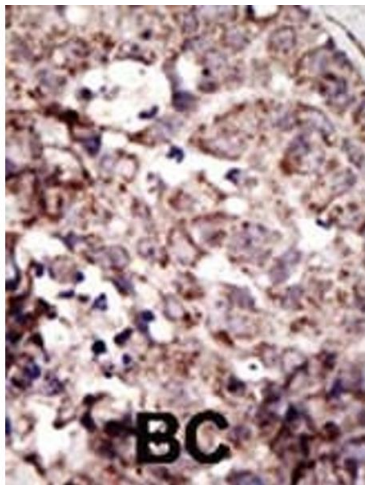
Application Notes:	WB: 1:2000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

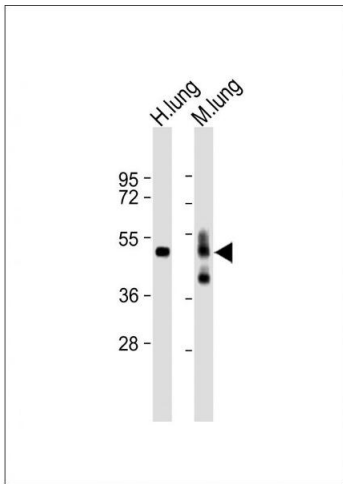
## Publications

Product cited in:	Stegmaier, Wong, Ross, Chow, Peck, Wright, Lessnick, Kung, Golub: "Signature-based small molecule screening identifies cytosine arabinoside as an EWS/FLI modulator in Ewing sarcoma." in: <b>PLoS medicine</b> , Vol. 4, Issue 4, pp. e122, (2007) ( <a href="#">PubMed</a> ).
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**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



**Western Blotting**

**Image 2.** All lanes : Anti-hAGER-K44 at 1:2000 dilution Lane 1: Human lung lysate Lane 2: Mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.