

Datasheet for ABIN545221  
**anti-RAGE antibody (N-Term)**[Go to Product page](#)[2 Images](#)[3 Publications](#)

## Overview

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

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of AGER.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human AGER.
Cross-Reactivity:	Human

## Target Details

Target:	RAGE (AGER)
Alternative Name:	RAGE / AGER ( <a href="#">AGER Products</a> )
Gene ID:	177
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:	ELISA (1:1000) Western Blot (1:50-100) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
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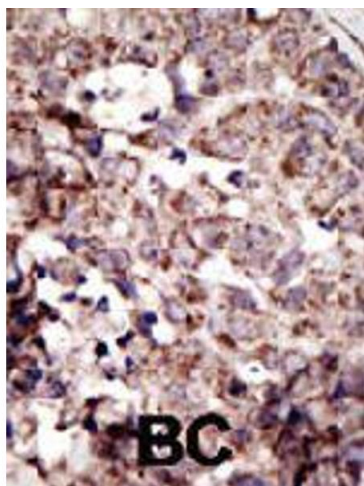
Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	In PBS (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:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

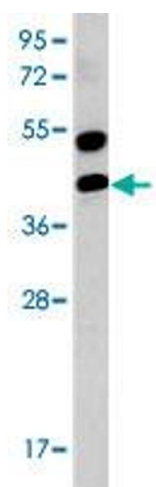
## Publications

Product cited in:	Kuniyasu, Chihara, Takahashi: "Co-expression of receptor for advanced glycation end products and the ligand amphoterin associates closely with metastasis of colorectal cancer." in: <b>Oncology reports</b> , Vol. 10, Issue 2, pp. 445-8, (2003) ( <a href="#">PubMed</a> ).
	Shanmugam, Kim, Lanting, Natarajan: "Regulation of cyclooxygenase-2 expression in monocytes by ligation of the receptor for advanced glycation end products." in: <b>The Journal of biological chemistry</b> , Vol. 278, Issue 37, pp. 34834-44, (2003) ( <a href="#">PubMed</a> ).
	Schlueter, Hauke, Flohr, Rogalla, Bullerdiek: "Tissue-specific expression patterns of the RAGE receptor and its soluble forms--a result of regulated alternative splicing?" in: <b>Biochimica et biophysica acta</b> , Vol. 1630, Issue 1, pp. 1-6, (2003) ( <a href="#">PubMed</a> ).



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with AGER polyclonal 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 .



#### Western Blotting

**Image 2.** Western blot analysis of mouse lung tissue lysate (35 ug/lane) with AGER polyclonal antibody .