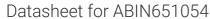
# antibodies -online.com





## anti-RAGE antibody (N-Term)





### Overview

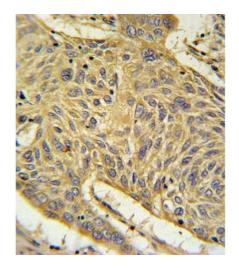
Alternative Name:

Quantity:	400 μL
Target:	RAGE (AGER)
Binding Specificity:	AA 24-52, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAGE antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This AGER antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human AGER.
Clone:	RB25948
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	RAGE (AGER)
Ali e Al	

AGER (AGER Products)

## **Target Details**

rarget betails	
Background:	AGER encodes 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. The gene lies within the major histocompatibility complex (MHC) class III region on
	chromosome 6.
Molecular Weight:	42803
Gene ID:	177
NCBI Accession:	NP_001127, NP_001193858, NP_001193861, NP_001193863, NP_001193865, NP_001193869,
	NP_001193883, NP_001193895, NP_751947
UniProt:	Q15109
Pathways:	Carbohydrate Homeostasis, Toll-Like Receptors Cascades, Smooth Muscle Cell Migration, S100
	Proteins
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
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



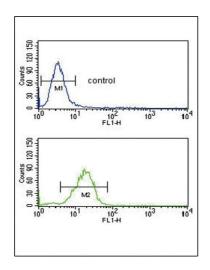
## Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** AGER Antibody (N-term) (ABIN651054 and ABIN2840050) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AGER Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### **Western Blotting**

**Image 2.** Western blot analysis of AGER Antibody (N-term) (cat. (ABIN651054 and ABIN2840050)) in mouse lung tissue lysates (35  $\mu$ g/lane). AGER (arrow) was detected using the purified Pab.



### **Flow Cytometry**

**Image 3.** AGER Antibody (N-term) (ABIN651054 and ABIN2840050) flow cytometric analysis of cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.