

Rabbit RAGE Polyclonal Antibody | anti-AGER antibody

Anti-RAGE antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44971	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

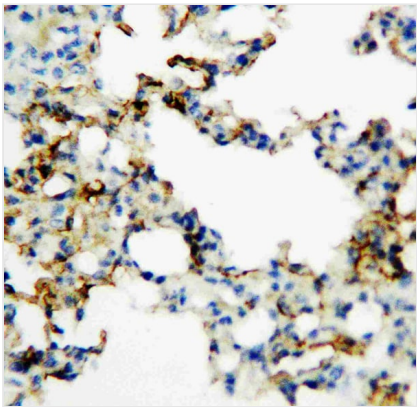
PRODUCT SYNONYMS

RAGE; Polyclonal Antibody; Anti-RAGE antibody; Advanced glycosylation end product-specific receptor; advanced glycosylation end product-specific receptor; Advanced glycosylation end product-specific receptor antibody; AGER antibody; MGC2235 antibody; MGC22357 antibody; RAGE_HUMAN antibody; Receptor for advanced glycation endproducts antibody; Receptor for advanced glycosylation end products antibody; anti-AGER antibody

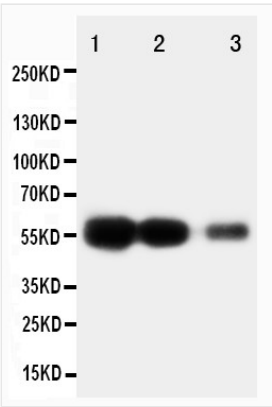
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	404
Applicable Applications for anti-AGER antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human RAGE (174-192aa KEQTRHPETGLFTLQSEL), different from the related mouse and rat sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-RAGE antibody, AAA44971, IHC(P)IHC(P): Rat Lung Tissue



WB (Western Blot)
Anti-RAGE antibody, AAA44971, Western blottingLane 1: Recombinant Human RAGE Protein 10ngLane 2: Recombinant Human RAGE Protein 5ngLane 3: Recombinant Human RAGE Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-AGER antibody	Description: Rabbit IgG polyclonal antibody for Advanced glycosylation end product-specific receptor(AGER) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat. Background: The receptor for advanced glycation end products(RAGE) is a multi-ligand member of the immunoglobulin superfamily of cell surface molecules. It interacts with distinct molecules implicated in homeostasis, development and inflammation, and certain diseases such as diabetes and Alzheimer's disease. RAGE is also a central cell surface receptor for amphoterin and EN-RAGE. RAGE is associated with sustained NF-kappaB activation in the diabetic microenvironment and has a central role in sensory neuronal dysfunction. Moreover, RAGE propagates cellular dysfunction in several inflammatory disorders and diabetes, and it also functions as an endothelial adhesion receptor promoting leukocyte recruitment.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497317
NCBI GeneID	177
UniProt Accession #	Q15109; Q15279; Q3L1R4; Q3L1R5; Q3L1R6; Q3L1R7; Q3L1R8; Q3L1S0; A2BFI7; A6NKF0; A7Y2U9; B0V176
Molecular Weight	41,098 Da
NCBI Official Full Name	Advanced glycosylation end product-specific receptor
NCBI Official Synonym Full Names	advanced glycosylation end product-specific receptor
NCBI Official Symbol	AGER
NCBI Official Synonym Symbols	RAGE
NCBI Protein Information	advanced glycosylation end product-specific receptor; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta; receptor for advanced glycation end-products variant 20
UniProt Protein Name	Advanced glycosylation end product-specific receptor
UniProt Gene Name	AGER
UniProt Synonym Gene Names	RAGE
UniProt Entry Name	RAGE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

