

Rabbit AGER / RAGE Polyclonal Antibody | anti-AGER antibody

Rabbit Polyclonal to Human AGER / RAGE

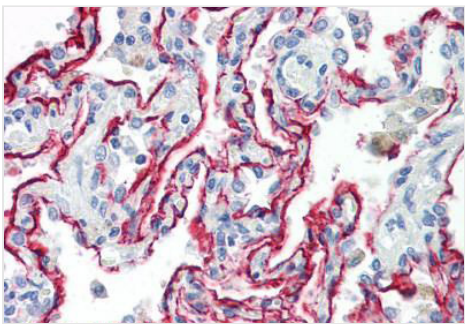
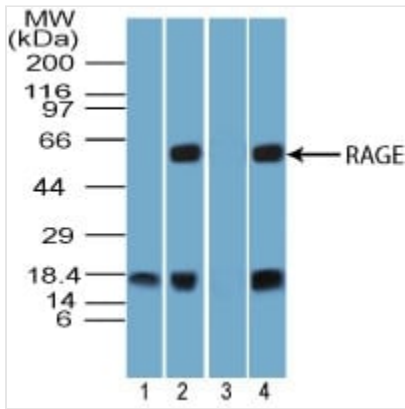
CATALOG # AAA52189	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

AGER / RAGE; Polyclonal Antibody; Rabbit Polyclonal to Human AGER / RAGE; Anti-AGER / RAGE Antibody (aa350-400) IHC-plus; RAGE isoform NtRAGE-delta; RAGE isoform sRAGE-delta; Human AGER; RAGE; anti-AGER antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Human RAGE
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	404
Applicable Applications for anti-AGER antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Amino acids 350-400 of human RAGE.
Immunogen Type	Synthetic peptide
Immunogen	AGER / RAGE antibody was raised against amino acids 350-400 of human RAGE.
Antigen Modification	aa350-400
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.



IHC (Immunohistochemistry)
Anti-AGER / RAGE antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.

WB (Western Blot)
Western blot of RAGE in 1) human lung tissue lysate, mouse lung tissue lysate in the 2) absence and 3) presence of immunizing peptide, and 4) rat lung tissue lysate using at 3, 0.1 and 0.1 ug/ml, respectively. Goat anti-rabbit Ig HRP secondary antibody, and PicoTect ECL substrate solution were used for this test. Note: This antibody was raised against an amino acid sequence that is 100% conserved in human, however western blot testing shows that it does not detected the expected ~45 kD band in human lung lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-AGER antibody	RAGE/AGER is a member of the immunoglobulin super family of cell surface molecules. It binds multiple ligands and interacts with distinct molecules implicated in homeostasis, development, inflammation, and diseases such as carcinoma, diabetes, renal failure, and Alzheimer's. Cell signaling pathways/molecules known to be activated by ligand bound RAGE include p21 (ras), MAP kinases, NF-kappa-B, and cdc42. Binding of amphoterin by RAGE is linked to outgrowth of cortical neurons and tumor invasion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835203
NCBI GeneID	177
NCBI Accession #	NP_001127.1
NCBI GenBank Nucleotide #	NM_001136.4
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 isoform 1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ager-rage-antibody-western-blot-immunohistochemistry-elisa/52189>