

Rabbit anti-Human AGER Polyclonal Antibody | anti-AGER antibody

AGER antibody - C-terminal region

CATALOG # AAA198955	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

AGER; Polyclonal Antibody; AGER antibody - C-terminal region; anti-AGER antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RI RAGNSSPGPG DPGRPGDSRP AHWGHLVAKA ATPRRGEEGP RKPGRGG
Sequence Length	342
Applicable Applications for anti-AGER antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human AGER
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-AGER Antibody Titration: 2.5ug/ml
Positive Control: Jurkat cell lysate
AGER is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

WB Suggested Anti-AGER antibody Titration: 1 ug/ml
Sample Type: Human K562



IHC (Immunohistochemistry)

Rabbit Anti-AGER Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-AGER antibody	This is a rabbit polyclonal antibody against AGER. It was validated on Western Blot and immunohistochemistry Target Description: AGER mediates interactions of advanced glycosylation end products (AGE). These are nonenzymatically glycosylated proteins which accumulate in vascular tissue in aging and at an accelerated rate in diabetes. It is receptor for amyloid beta peptide.This gene 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. Alternative splicing results in two transcript variants encoding different isoforms.
Product Categories/Family for anti-AGER antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Transcription Regulation; Cardiovascular; Tissue Specific & Cell Marker; Immunohistochemistry; Receptors; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	26787962
NCBI GeneID	177
NCBI Accession #	NP_751947
NCBI GenBank Nucleotide #	NM_172197
UniProt Accession #	A2BFI7; Q15109
Molecular Weight	38kDa
NCBI Official Full Name	advanced glycosylation end product-specific receptor isoform 7
NCBI Official Synonym Full Names	advanced glycosylation end-product specific receptor
NCBI Official Symbol	AGER
NCBI Official Synonym Symbols	RAGE; SCARJ1
NCBI Protein Information	advanced glycosylation end product-specific receptor

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ager-antibody-western-blot-immunohistochemistry-elisa/198955>