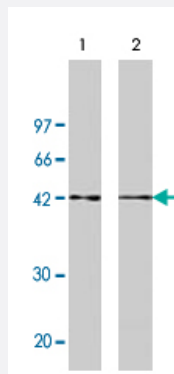


AGER polyclonal antibody

Catalog # PAB8461 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extract from A-549 (lane 1) and CHO cells (lane 2) (5 ug/lane), using AGER polyclonal antibody (Cat # PAB8461).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AGER.
Immunogen	A synthetic peptide corresponding to human AGER.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% proclin, 2.0% Block Ace)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extract from A-549 (lane 1) and CHO cells (lane 2) (5 ug/lane), using AGER polyclonal antibody (Cat # PAB8461).

Gene Info — AGER

Entrez GeneID	177
Gene Name	AGER
Gene Alias	MGC22357, RAGE
Gene Description	advanced glycosylation end product-specific receptor
Omim ID	600214
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000029155 OTTHUMP00000029156 advanced glycosylation end product-specific receptor RAGE3 advanced glycosylation end product-specific receptor variant sRAGE1 advanced glycosylation end product-specific receptor variant sRAGE2 receptor for advanced

Publication Reference

- [Isolation and characterization of two binding proteins for advanced glycosylation end products from bovine lung which are present on the endothelial cell surface.](#)

Schmidt AM, Vianna M, Gerlach M, Brett J, Ryan J, Kao J, Esposito C, Hegarty H, Hurley W, Clauss M, et al..

The Journal of Biological Chemistry 1992 Jul; 267(21):14987.

Application: Func, IEM, IF, WB-Ce, WB-Re, Bovine, Bovine aortic endothelial cells, Purified proteins

- [Cloning and expression of a cell surface receptor for advanced glycosylation end products of proteins.](#)

Neeper M, Schmidt AM, Brett J, Yan SD, Wang F, Pan YC, Elliston K, Stern D, Shaw A.

The Journal of Biological Chemistry 1992 Jul; 267(21):14998.

Application: IF, WB-Tr, Human, HEK 293 cells

Disease

- [Alzheimer disease](#)
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- [Brain Ischemia](#)
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