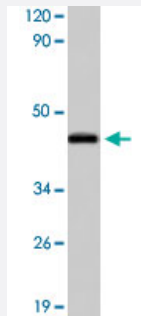


AGER polyclonal antibody

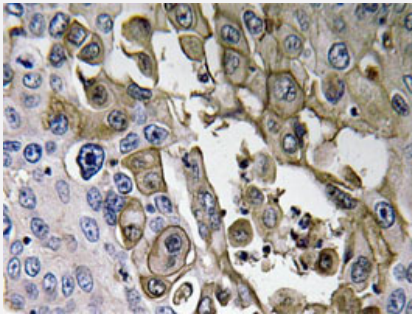
Catalog # PAB25144 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293A cell lysate with AGER polyclonal antibody (Cat # PAB25144) at 1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using AGER polyclonal antibody (Cat # PAB25144).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AGER.
Immunogen	A synthetic peptide corresponding to AGER.
Host	Rabbit
Theoretical MW (kDa)	~43.0
Reactivity	Human
Specificity	AGER polyclonal antibody detects endogenous levels of AGER protein.
Form	Liquid

Purification	Affinity purification
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293A cell lysate with AGER polyclonal antibody (Cat # PAB25144) at 1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using AGER polyclonal antibody (Cat # PAB25144).

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

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cognition](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
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