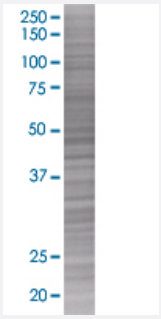
AGER 293T Cell Transient Overexpression Lysate(Denatured)

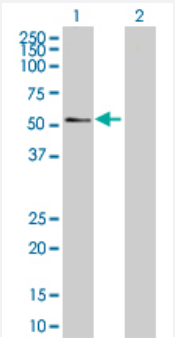
Catalog # H00000177-T01 Size 100 uL

Applications



SDS-PAGE Gel

AGER transfected lysate



Western Blot

Lane 1: AGER transfected lysate (42.8 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AGER full-length
Host	Human
Theoretical MW (kDa)	42.8
Interspecies Antigen Sequence	Mouse (78); Rat (78)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-AGER antibody (H00000177-B01) by Western Blots. SDS-PAGE Gel AGER transfected lysate Western Blot Lane 1: AGER transfected lysate (42.8 KDa). Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — AGER

Entrez GeneID	177
GeneBank Accession#	NM_001136
Protein Accession#	NP_001127
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
- Edema
- Genetic Predisposition to Disease
- Insulin Resistance
- Kidney Failure
- Lung Diseases
- Lupus Erythematosus
- Myocardial Infarction
- Neuroblastoma
- Neuropsychological Tests
- Obesity
- Pancreatic Neoplasms

- Pulmonary Disease