

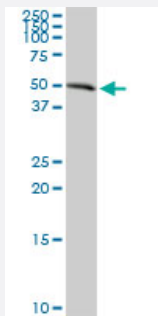
MaxPab®

AGER purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000177-D01P

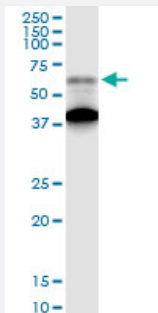
Size 100 ug

Applications



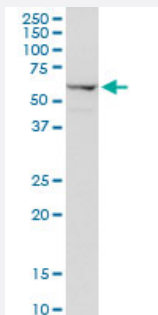
Western Blot (Tissue lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in human placenta.



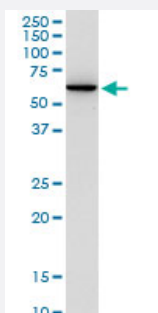
Western Blot (Tissue lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in mouse lung.



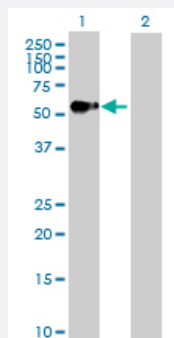
Western Blot (Cell lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in NIH/3T3.



Western Blot (Cell lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line ([H00000177-T01](#)) by AGER MaxPab polyclonal antibody.

Lane 1: AGER transfected lysate(42.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AGER protein.
Immunogen	AGER (NP_001127.1, 1 a.a. ~ 404 a.a) full-length human protein.
Sequence	MAAGTAVGAWVLVLSLWGAVVGAQNITARIGEPLVLKCKGAPKKPPQRLEWKLNTGRTEAWKVL SPQGGGPWDSVARVLPNGSLFLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEVDS ASELTAGVPNKVGTCVSEGSYPAGTLSWHLDGKPLVPNEKGVSVKEQTRRHPEGLFTLQSELM VTPARGGDPRPTFSCSFSPGLPRHRALRTAPIQPRVWEPVPLEEVQLVVEPEGGAVAPGGTVTL TCEVPAQPSPQIHWMKDGVLPLPPSPVLILPEIGPQDQGTYSVCVATHSSHGPQESRAVSISIEP GEEGPTAGSVGGSGGLTALALGILGGLGTAALLIGVILWQRRQRRGEERKAPENQEEEEERAEL NQSEPEAGESSTGGP
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (78); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Tissue lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in human placenta.

[Protocol Download](#)

- Western Blot (Tissue lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in mouse lung.

[Protocol Download](#)

- Western Blot (Cell lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in NIH/3T3.

[Protocol Download](#)

- Western Blot (Cell lysate)

AGER MaxPab rabbit polyclonal antibody. Western Blot analysis of AGER expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AGER expression in transfected 293T cell line ([H00000177-T01](#)) by AGER MaxPab polyclonal antibody.

Lane 1: AGER transfected lysate(42.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AGER

Entrez GeneID	177
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GeneBank Accession#	NM_001136
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Protein Accession#	NP_001127.1
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Gene Name	AGER
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Gene Alias	MGC22357, RAGE
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Gene Description	advanced glycosylation end product-specific receptor
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Omim ID	600214
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Gene Ontology	Hyperlink
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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

- [Human intestine and placenta exhibit tissue-specific expression of RAGE isoforms.](#)

Katharina Schwertner, Katharina Gelles, Judith Leitner, Peter Steinberger, Claudia Gundacker, Ruben Vrticka, Karin Hoffmann-Sommergruber, Isabella Ellinger, Sabine Geiselhart.

Heliyon 2023 Jul; 9(8):e18247.

Application: WB, Human, Lung, small intestine, colon, placenta, HEK 293T, JE6-1, Caco-2, FHs 74 Int, BeWo cells

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- [Brain Ischemia](#)
- [Calcinosis](#)
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- [Cerebral Amyloid Angiopathy](#)
- [Cognition](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Diabetes](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
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