

Cat. No:	AB-84300
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 41-340 of human AGER.
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:1000 - 1:2000
Molecular Weight:	53kDa
Purification:	Aff. Pur.
Synonyms:	AGER;RAGE;SCARJ1

Background:

The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847).

Form:

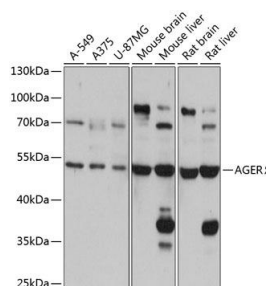
Liquid

Buffer:

PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Storage:

Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using AGER antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL West Pico Plus.

Exposure time: 5s.

References

Publications: Product: Rage Rabbit pAb Journal:Biomedicine & Pharmacotherapy = Biomedecine & Pharmacotherapie
Application:WB IF:3.74 Species: Mus musculus
PMID: 32325348
Title: GJ-4 alleviates A β 25-35-induced memory dysfunction in mice through protecting the neurovascular unit

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