

Product datasheet for **TA346072**

RAGE (AGER) Rabbit Polyclonal Antibody

Product data:

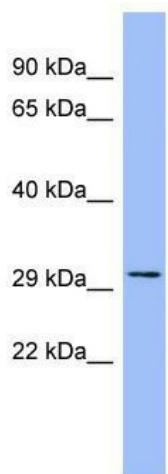
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-AGER antibody: synthetic peptide directed towards the N terminal of human AGER. Synthetic peptide located within the following region: FLPAVGIQDEGIFRCQAMNRNGKETKSNYRVRVYQIPGKPEIVDSASELT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	advanced glycosylation end product-specific receptor
Database Link:	NP_751947 Entrez Gene 11596 Mouse Entrez Gene 177 Human Q15109
Background:	AGER mediates interactions of advanced glycosylation end products (AGE). These are nonenzymatically glycosylated proteins which accumulate in vascular tissue in aging and at an accelerated rate in diabetes. It is receptor for amyloid beta peptide.
Synonyms:	RAGE
Note:	Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Pig: 93%; Horse: 93%; Dog: 92%; Guinea pig: 86%



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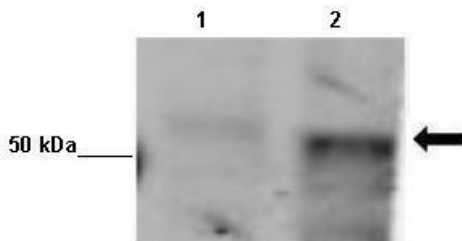
Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



AGER

WB Suggested Anti-AGER Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: THP-1 cell lysate



Lanes: Lane 1: 10ug of hRAGE HEK-293 lysate; Lane 2: 10ug of mRAGE HEK-293 lysate; Primary Antibody Dilution: 1: 1000; Secondary Antibody: Anti-rabbit-HRP; Secondary Antibody Dilution: 1: 2500; Gene Name: AGER; Submitted by: Barry Hudson