



# Anti-AGER polyclonal antibody [Biotin] (DPABY-707)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Antigen Description	View RAGE IHC images.
Specificity	Detects rat RAGE in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human RAGE and recombinant canine RAGE is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat RAGE. Gln24-Ala342 Accession Number Q63495
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">Ager advanced glycosylation end product-specific receptor [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; receptor for advanced glycosylation end products; advanced glycosylation end product-specific receptor variant 2; advanced glycosylation end product-specific receptor variant 3; advanced gl
Entrez Gene ID	<a href="#">81722</a>
Protein Refseq	<a href="#">NP_445788</a>
UniProt ID	<a href="#">Q6MG86</a>
Chromosome Location	20p12
Pathway	Activated TLR4 signalling; Advanced glycosylation endproduct receptor signaling; Cytosolic sensors of pathogen-associated DNA; DEx/H-box helicases activate type I IFN and inflammatory cytokines production; Immune System; Innate Immune System; MyD88 casc
Function	S100 protein binding; advanced glycation end-product receptor activity; high mobility group box 1 binding; identical protein binding; protein binding;