



Anti-AGER polyclonal antibody (DPABY-312)

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	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Blockade of Receptor-ligand Interaction
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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	Ager advanced glycosylation end product-specific receptor [Rattus norvegicus (Norway rat)]
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	81722
Protein Refseq	NP_445788
UniProt ID	Q6MG86
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;