



Anti-AGER polyclonal antibody [Biotin] (DPABY-488)

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

PRODUCT INFORMATION

Antigen Description	View RAGE IHC images.
Specificity	Detects human RAGE in ELISAs and Western blots. In sandwich immunoassays, less than 10% cross-reactivity with recombinant rat RAGE is observed and less than 2% cross-reactivity with recombinant mouse RAGE is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human RAGE extracellular domain. Gln24-Ala344 Accession Number Q15109
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
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	AGER advanced glycosylation end product-specific receptor [Homo sapiens (human)]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta; receptor for advanced glycation end-products variant 20;
Entrez Gene ID	177
Protein Refseq	NP_001127
UniProt ID	B4DNX3
Chromosome Location	6p21.3
Pathway	AGE/RAGE 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 Sy
Function	S100 protein binding; identical protein binding; protein binding; receptor activity; transmembrane signaling receptor activity;