



Anti-AGER polyclonal antibody [Biotin] (DPABY-672)

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

PRODUCT INFORMATION

Antigen Description	View RAGE IHC images.
Specificity	Detects canine RAGE in ELISAs and Western blots. In sandwich immunoassays, approximately 0.5% cross-reactivity with recombinant human RAGE is observed and less than 0.1% cross-reactivity with recombinant mouse RAGE and recombinant rat RAGE is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant canine RAGE. Asp25-Val339 Accession Number XP_532093
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Dog
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 [Canis lupus familiaris (dog)]
Official Symbol	AGER
Synonyms	AGER; RAGE; advanced glycosylation end product-specific receptor; RAGE/AGER; advanced glycation end product receptor;
Entrez Gene ID	403168
Protein Refseq	NP_001041546
UniProt ID	Q24LN3
Chromosome Location	chromosome: 12
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