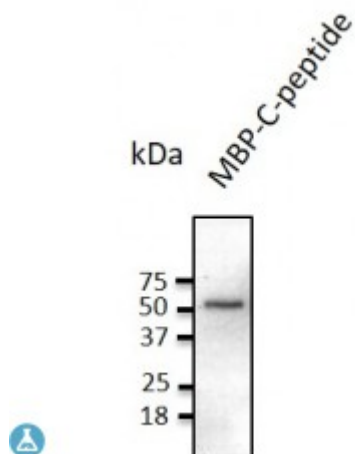


Anti-C-peptide antibody



Description

Goat polyclonal to C-Peptide. C-Peptide is part of proinsulin, that consists of C-Peptide, alpha and beta chains that later become linked together to form the insulin molecule. Each proinsulin molecule produces one molecule of insulin and one molecule of C-peptide that is released into the blood. C-peptide stimulates the N^+ , K^+ -ATPase and endothelial nitric oxide synthase activities by binding to cell membranes which leads to increased intracellular Ca^{2+} concentration.

Model	STJ140108
Host	Goat
Reactivity	Avian, Bovine, Canine, Donkey, Feline, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Other, Porcine, Rabbit, Rat, Sheep, Simian
Applications	WB
Immunogen	Recombinant human and rat C-peptides (EAEDLQVGQVELGGGPGAGSLQPLALEGSLQGT-EVEDPQVAQLELGGGPGAGDLQTLALEVARQ) produced in E. coli as a fusion protein.
Dilution range	Western blot 1:500-1:2,000 Immunofluorescence ND Immunohistochemistry (paraffin) ND Immunohistochemistry (frozen) ND
Specificity	Detects C-peptide using MBP-C-peptide recombinant fusion protein and GFP-C-peptide expressed in transfected mammalian cells.
Purification	This antibody is epitope-affinity purified from goat antiserum.
Note	For research use only (RUO).
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS, 20% glycerol and 0.05% sodium azide.
Concentration	4 mg/mL
Storage Instruction	Store at -20°, and avoid repeated freeze-thaw cycles.

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