

Datasheet for ABIN6254201  
**anti-C-Peptide antibody**



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## Overview

Quantity:	800 µg
Target:	C-Peptide
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This C-Peptide antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Purified recombinant human and rat C-peptides produced in E. coli as a fusion protein.
Sequence:	EAEDLQVGQV ELGGGPGAGS LQPLALEGSL QGT-EVEDPQVAQL ELGGGPGAGD LQTLALEVAR Q
Isotype:	IgG
Specificity:	Detects C-peptide using MBP-C-peptide recombinant fusion protein and GFP-C-peptide expressed in transfected mammalian cells.
Characteristics:	pro-insulin
Purification:	This antibody is epitope-affinity purified from goat antiserum.

## Target Details

Target:	C-Peptide
Abstract:	<a href="#">C-Peptide Products</a>

## Target Details

Background:	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 <sup>2+</sup> concentration.
Gene ID:	3630

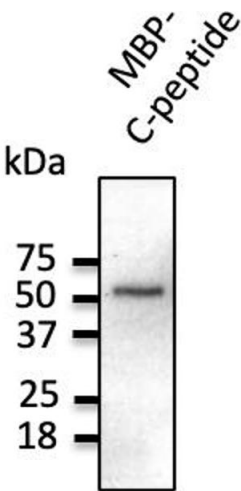
## Application Details

Application Notes:	WB 1:500-1:2,000
Restrictions:	For Research Use only

## Handling

Concentration:	4.00 mg/mL
Buffer:	Polyclonal antibody supplied as a 200 µl (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Handling Advice:	The antibody solution should be gently mixed before use.
Storage:	4 °C, -20 °C
Storage Comment:	For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.

## Images



### Western Blotting

Image 1.