



[Go to Product page](#)

Datasheet for ABIN965970  
**anti-Daf-2 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	Daf-2 (DAF2)
Binding Specificity:	C-Term
Reactivity:	C. elegans
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Daf-2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

### Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of Caenorhabditis elegans daf-2(Abnormal dauer formation protein 2)
Purification:	Purified by antigen-specific affinity chromatography.

### Target Details

Target:	Daf-2 (DAF2)
Alternative Name:	Daf-2 ( <a href="#">DAF2 Products</a> )
Background:	The daf-2 is an insulin receptor-like gene that regulates longevity and diapause in Caenorhabditis elegans. A C. elegans neurosecretory signaling system regulates whether animals enter the reproductive life cycle or arrest development at the long-lived dauer diapause stage. daf-2, a key gene in the genetic pathway that mediates this endocrine signaling, encodes

## Target Details

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an insulin receptor family member. Decreases in DAF-2 signaling induce metabolic and developmental changes, as in mammalian metabolic control by the insulin receptor. Decreased DAF-2 signaling also causes an increase in life-span. Lifespan regulation by insulin-like metabolic control is analogous to mammalian longevity enhancement induced by caloric restriction, suggesting a general link between metabolism, diapause, and longevity.

## Application Details

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Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C