

Datasheet for ABIN2790894  
**anti-GGACT antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	GGACT
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGACT antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse A2Id1
Sequence:	WEGDGP GDS VQCFVYTTAT YAPEWLFLPY HESYDSEGP H GLRYNPRENR
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against A2Id1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	GGACT
Alternative Name:	A2Id1 ( <a href="#">GGACT Products</a> )

## Target Details

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**Background:** A2Iid1 contributes to degradation of proteins cross-linked by transglutaminases. It degrades the cross-link between a lysine and a glutamic acid residue from two proteins that have been cross-linked by transglutaminases. It catalyzes the formation of 5-oxoproline from L-gamma-glutamyl-L-epsilon-lysine and inactive with L-gamma-glutamyl-alpha-amino acid substrates such as L-gamma-glutamyl-L-alpha-cysteine and L-gamma-glutamyl-L-alpha-alanine

Alias Symbols: GGACT, A2Iid1

Protein Size: 149

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**Molecular Weight:** 16 kDa

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**Gene ID:** 223267

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**NCBI Accession:** [NM\\_145466](#), [NP\\_663441](#)

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**UniProt:** [Q923B0](#)

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## Application Details

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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**Preservative:** Sodium azide

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

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**Handling Advice:** Avoid repeat freeze-thaw cycles.

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**Storage:** -20 °C

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**Storage Comment:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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### Western Blotting

Image 1.