

Datasheet for ABIN2783586

## anti-C3orf39 antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	C3orf39 (GTDC2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C3orf39 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human C3orf39
Sequence:	MHLSAVFNAL LVSVLA AVLW KHVRLREHAA TLEEELALSR QATEPAPALR
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against C3orf39. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	C3orf39 (GTDC2)
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## Target Details

Alternative Name:	C3orf39 ( <a href="#">GTDC2 Products</a> )
Background:	<p>The specific function of the protein remains unknown.</p> <p>Alias Symbols: AGO61, FLJ14566, C3orf39</p> <p>Protein Interaction Partner: NOTCH2NL, FBXO6, APP,</p> <p>Protein Size: 580</p>
Molecular Weight:	66 kDa
Gene ID:	84892
NCBI Accession:	<a href="#">NM_032806</a> , <a href="#">NP_116195</a>
UniProt:	<a href="#">Q8NAT1</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 580 AA
Restrictions:	For Research Use only

## Handling

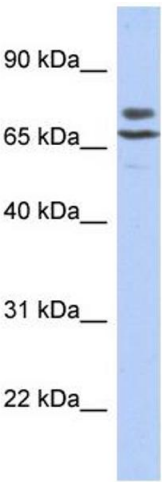
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
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.

## Publications

Product cited in:	Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang,
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Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48. ..." in: **Science advances**, Vol. 7, Issue 50, pp. eabl5182, (2021) ([PubMed](#)).



**Western Blotting**

**Image 1.** WB Suggested Anti-C3orf39 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: SH-SY5Y cell lysate