

Datasheet for ABIN783819  
**anti-ZBP1 antibody (C-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	ZBP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	18 amino acid peptide from near the carboxy terminus of human ZBP1.
Specificity:	This antibody reacts to ZBP1.
Purification:	Affinity chromatography

## Target Details

Target:	ZBP1
Alternative Name:	ZBP1 ( <a href="#">ZBP1 Products</a> )
Background:	Z-DNA binding protein 1 (ZBP1) belongs to a family of proteins that contain the Za domain which binds specifically to left-handed Z-DNA and Z-RNA. ZBP1 was initially identified as a novel gene that was up-regulated in activated macrophages in mice bearing ascites tumors,

## Target Details

suggesting that it may play a role in processes such as host response in neoplasia. More recent reports indicate that the cytosolic ZBP1 has can act like the toll-like receptor TLR9 by detecting cytosolic double-stranded (ds) DNA and trigger induction of type I interferon and other innate immune responses. It is thought that the binding of ZBP1 to dsDNA enhances its association with innate immune response proteins such as the IRF3 transcription factor and the serine/threonine kinase TBK1 (also known as NAK). Multiple isoforms of ZBP1 are known to exist. Synonyms: C20orf183, DLM1, Z-DNA-binding protein 1

Gene ID:	81030
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NCBI Accession:	<a href="#">NP_001153889</a>
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UniProt:	<a href="#">Q9H171</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Concentration:	1,0 mg/mL
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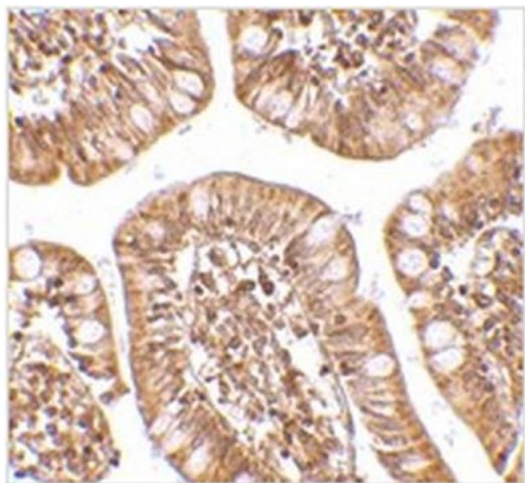
Buffer:	PBS containing 0.02 % sodium azide as preservative
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Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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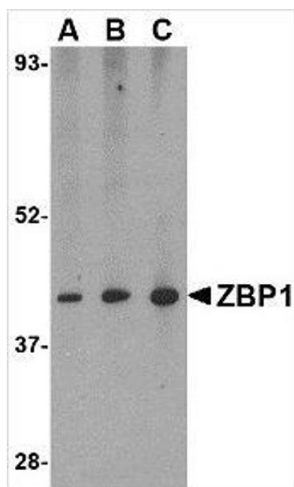
Storage:	4 °C
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Storage Comment:	Store the antibody undiluted at 2-8 °C.
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**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of ZBP1 in human small intestine tissue with ZBP1 antibody at 2.5 µg/ml.



**Western Blotting**

**Image 2.** Western blot analysis of ZBP1 in mouse small intestine tissue lysate with ZBP1 antibody at (A) 0.5, (B) 1 and (C) 2 µg/ml.