

Datasheet for ABIN655080  
**anti-IRGM antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	IRGM
Binding Specificity:	AA 151-179, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRGM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This IRGM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-179 amino acids from the C-terminal region of human IRGM.
Clone:	RB20841
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	IRGM
Alternative Name:	IRGM ( <a href="#">IRGM Products</a> )
Background:	This gene encodes a member of the p47 immunity-related GTPase family. The encoded protein

## Target Details

may play a role in the innate immune response by regulating autophagy formation in response to intracellular pathogens. Polymorphisms that affect the normal expression of this gene are associated with a susceptibility to Crohn's disease and tuberculosis.

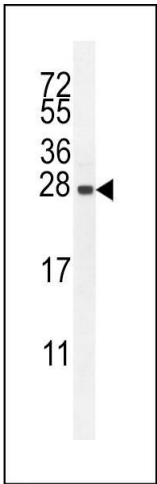
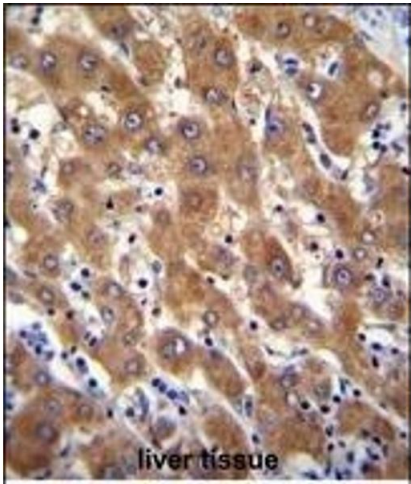
Molecular Weight:	20142
Gene ID:	345611
NCBI Accession:	<a href="#">NP_001139277</a>
UniProt:	<a href="#">A1A4Y4</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** IRGM Antibody (C-term) (ABIN655080 and ABIN2844712) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IRGM Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**Western Blotting**

**Image 2.** IRGM Antibody (C-term) (ABIN655080 and ABIN2844712) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the IRGM antibody detected the IRGM protein (arrow).