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Datasheet for ABIN7255826

## anti-Vimentin antibody

### 5 Images

#### Overview

Quantity:	200 µL
Target:	Vimentin (VIM)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vimentin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human Vimentin (NP_003371.2).
Isotype:	IgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

#### Target Details

Target:	Vimentin (VIM)
Alternative Name:	Vimentin ( <a href="#">VIM Products</a> )
Background:	This gene encodes a member of the intermediate filament family. Intermediate filamentents,

## Target Details

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along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.

Molecular Weight:	Observed_MW: 57 kDa Calculated_MW: 53 kDa
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Gene ID:	7431
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UniProt:	<a href="#">P08670</a>
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Pathways:	<a href="#">Caspase Cascade in Apoptosis</a>
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## Application Details

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Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
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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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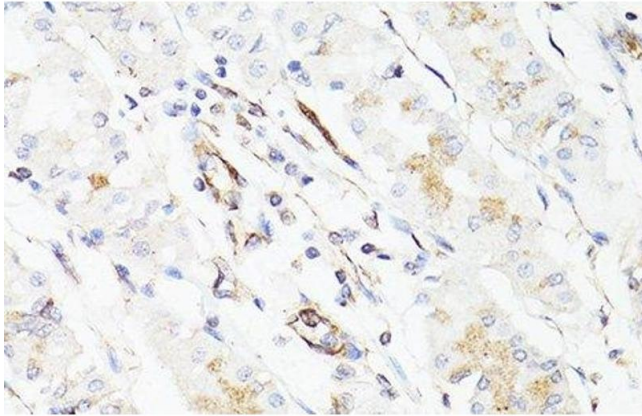
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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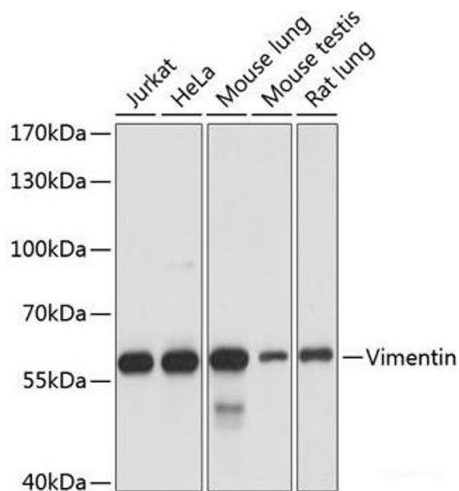
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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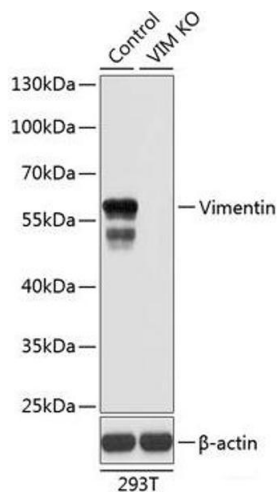
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human stomach using Vimentin Polyclonal Antibody at dilution of 1:150 (40x lens).



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using Vimentin Polyclonal Antibody at dilution of 1:1000.



### Western Blotting

**Image 3.** Western blot analysis of extracts from normal (control) and Vimentin knockout (KO) 293T cells using Vimentin Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7255826.