

Datasheet for ABIN3031544  
**anti-KHDRBS1 antibody (N-Term)**

## 5 Images

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## Overview

Quantity:	100 µg
Target:	KHDRBS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KHDRBS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	An amino acid sequence from the N-terminus of human SQSTM1 (KDDIFRIYIKEKKECRRDHR) was used as the immunogen for this p62 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	KHDRBS1
Alternative Name:	p62 ( <a href="#">KHDRBS1 Products</a> )
Background:	Sequestosome-1, also known as Ubiquitin-Binding Protein p62, is a protein that in humans is encoded by the SQSTM1 gene. The Src homology type 2(SH2) domain is a highly conserved

## Target Details

motif of about 100 amino acids which mediates protein-protein interactions by binding to phosphotyrosine.p56-lck, a T-cell-specific src family tyrosine kinase with an SH2 domain, is involved in T-cell signal transduction. The International Radiation Hybrid Mapping Consortium mapped the p62 gene to chromosome 5q35. Park et al.(1995) found that the p56-lck SH2 domain binds p62 at the ser59 only when that serine is phosphorylated. Joung et al.(1996) expressed epitope-tagged p62 in Hela cells and showed that the expressed protein bound to the lck SH2 domain and that this binding was dependent on the N-terminal 50 amino acids of p62 but not on the tyrosine residue in this region.

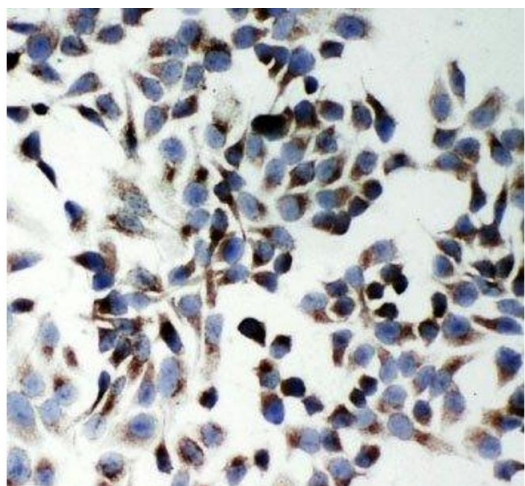
UniProt:	<a href="#">Q13501</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the p62 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL
Restrictions:	For Research Use only

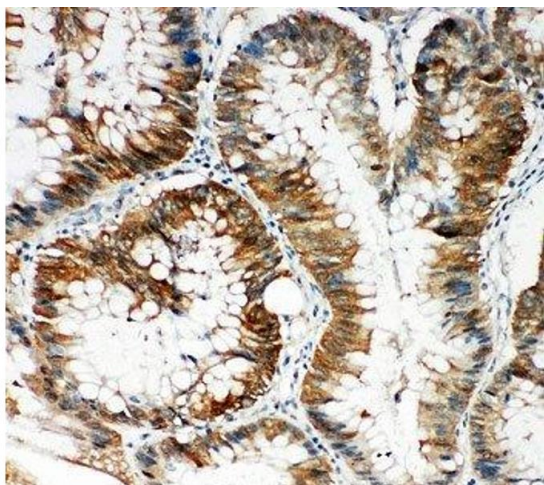
## Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the p62 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



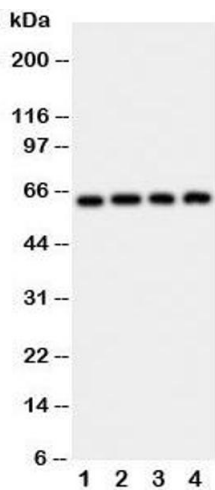
#### Immunocytochemistry

**Image 1.** ICC: p62 antibody testing of HeLa cells



#### Immunohistochemistry

**Image 2.** IHC-P: p62 antibody testing of human intestinal cancer tissue



#### Western Blotting

**Image 3.** Western blot testing of p62 antibody and Lane 1: rat brain; 2: HeLa; 3: U87; 4: A549 cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031544.