



[Go to Product page](#)

Datasheet for ABIN514034

anti-Catalase antibody (AA 1-527)

4 Images

1 Publication

Overview

Quantity:	50 µg
Target:	Catalase (CAT)
Binding Specificity:	AA 1-527
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Catalase antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human CAT protein.
Immunogen:	CAT (NP_001743.1, 1 a.a. ~ 527 a.a) full-length human protein.
Sequence:	MADSRDPASD QMQHWKEQRA AQKADVLTTG AGNPVGDKLN VITVGPRGPL LVQDVVFTDE MAHFDRERIP ERVVHAKGAG AFGYFEVTHD ITKYSKAKVF EHIGKKTPIA VRFSTVAGES GSADTVRDPR GFAVKFYTED GNWDLVGNNT PIFFIRDPII FPSFIHSQKR NPQTHLKDPD MWWDFWSLRP ESLHQVSFLF SDRGIPDGHR HMNGYGSHTF KLVNANGEAV YCKFHYKTDQ GIKNLSVEDA ARLSQEDPDY GIRDLFNAIA TGKYPSTWTFY IQVMTFNQAE TFPFNPFDLT KVWPHKDYPL IPVGKLVLR NPVNYFAEVE QIAFDPSNMP PGIEASPKM LQGRLFAYPD THRHRGPNY LHIPVNCYPYR ARVANYQRDG PMCMQDNQGG APNYYPNSTFG APEQQPSALE HSIQYSGEVR RFNTANDDNV TQVRAFVNV LNEEQRKRLC ENIAGHLKDA QIFIQKKAVK NFTVHPDYG SHIQALLDKY NAEKPKNAIH TQVQSGSHLA AREKANL

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	Catalase (CAT)
Alternative Name:	CAT (CAT Products)
Background:	Full Gene Name: catalase Synonyms: MGC138422,MGC138424
Gene ID:	847
NCBI Accession:	NM_001752
Pathways:	Cellular Glucan Metabolic Process , Cell RedoxHomeostasis , Photoperiodism

Application Details

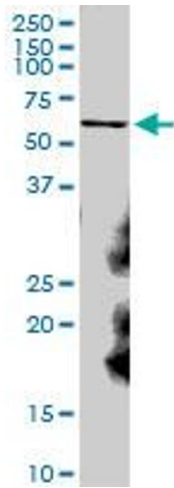
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

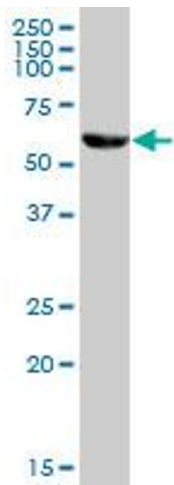
Publications

Product cited in:	Saho, Satoh, Kondo, Inoue, Yamauchi, Murata, Kinoshita, Yamamoto, Futami, Putranto, Ruma, Sumardika, Youyi, Suzawa, Yamamoto, Soh, Tomida, Sakaguchi, Saito, Iioka, Huh, Toyooka, Sakaguchi: "Active Secretion of Dimerized S100A11 Induced by the Peroxisome in Mesothelioma Cells." in: Cancer microenvironment : official journal of the International Cancer Microenvironment Society , Vol. 9, Issue 2-3, pp. 93-105, (2016) (PubMed).
-------------------	--



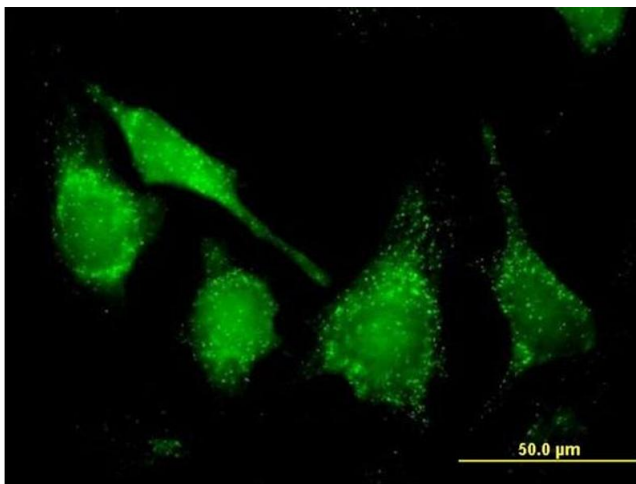
Western Blotting

Image 1. CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in A-431.



Western Blotting

Image 2. CAT MaxPab polyclonal antibody. Western Blot analysis of CAT expression in human liver.



Immunofluorescence

Image 3. Immunofluorescence of purified MaxPab antibody to CAT on HeLa cell. [antibody concentration 10 ug/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN514034.