

Datasheet for ABIN2856039  
**anti-MSTO1 antibody (Center)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	MSTO1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSTO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MSTO1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cow (Bovine)
Cross-Reactivity (Details):	Bovine (90 %)
Characteristics:	Rabbit Polyclonal antibody to MSTO1 (misato homolog 1 (Drosophila)) MSTO1 antibody [N1C1]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

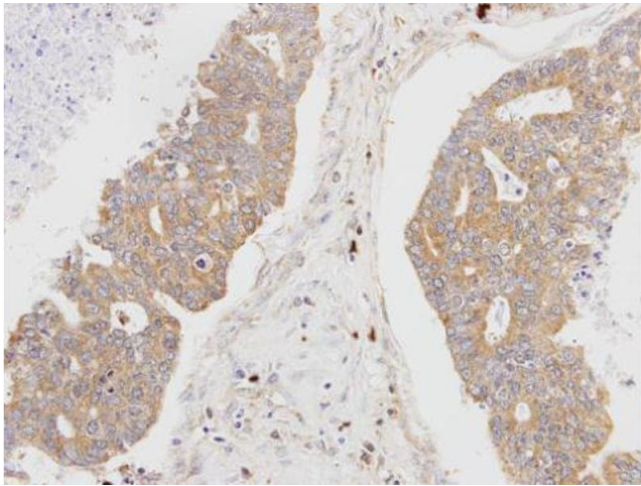
Target:	MSTO1
Alternative Name:	MSTO1 ( <a href="#">MSTO1 Products</a> )
Background:	Involved in the regulation of mitochondrial distribution and morphology.  Cellular Localization: Mitochondrion outer membrane
Molecular Weight:	62 kDa
Gene ID:	55154

## Application Details

Application Notes:	Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceIHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: A431 , H1299 , HeLa , HepG2
Restrictions:	For Research Use only

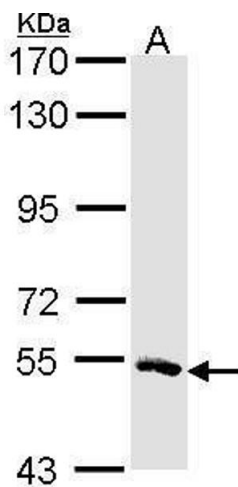
## Handling

Format:	Liquid
Concentration:	0.46 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



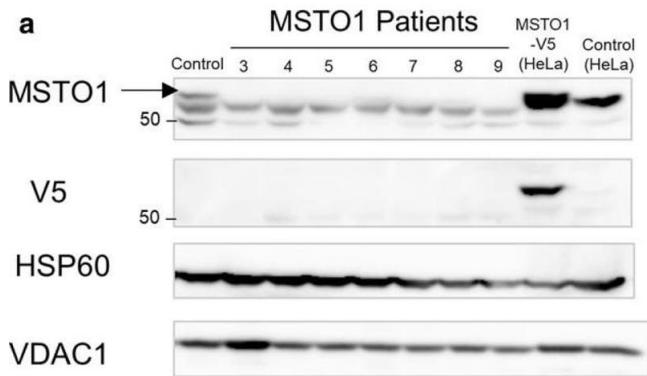
**Immunohistochemistry**

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded OVCA xenograft, using MSTO1, antibody at 1:100 dilution.



**Western Blotting**

**Image 2.** WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE MSTO1 antibody antibody diluted at 1:1000



**Western Blotting**

**Image 3.** Pathogenic variants lead to MSTO1 protein instability. a Western blot analysis of total cell lysates from control and patient fibroblast. As a control, total cell lysates from HeLa cells overexpressing MSTO1-V5 or empty vector were also included. Blots were probed with antibodies against endogenous MSTO1, VDAC1, HSP60 and V5. Black arrow corresponds to endogenous MSTO1 protein further verified in HeLa cell lysates, meanwhile, bands underneath are nonspecific. b Western blot analysis of cell lysates as in a. Blots were probed against fusion proteins (Mfn1, Mfn2 and Opa1) and loading controls - figure provided by CiteAb. Source: PMID31463572