

Datasheet for ABIN2773859
anti-MGST2 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	MGST2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGST2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MGST2
Sequence:	MAGNSILLAA VSILSACQQS YFALQVGKAR LKYKVTPPAV TGSPEFERVF
Predicted Reactivity:	Cow: 79%, Horse: 79%, Human: 100%, Pig: 86%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against MGST2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	MGST2
Alternative Name:	MGST2 (MGST2 Products)

Target Details

Background:	<p>The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. MGST2 is a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which are involved in the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes a protein which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4.</p> <p>Alias Symbols: FLJ27438, GST2, MGC14097, MGST-II</p> <p>Protein Interaction Partner: HDHD2,</p> <p>Protein Size: 147</p>
Molecular Weight:	16 kDa
Gene ID:	4258
NCBI Accession:	NM_002413 , NP_002404
UniProt:	Q99735

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 147 AA
Restrictions:	For Research Use only

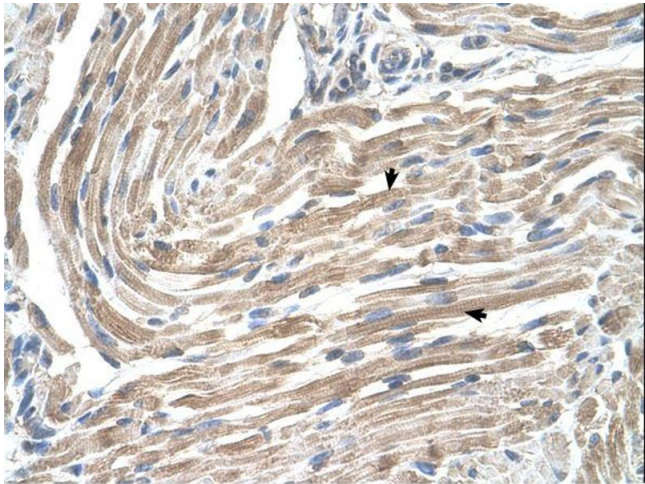
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

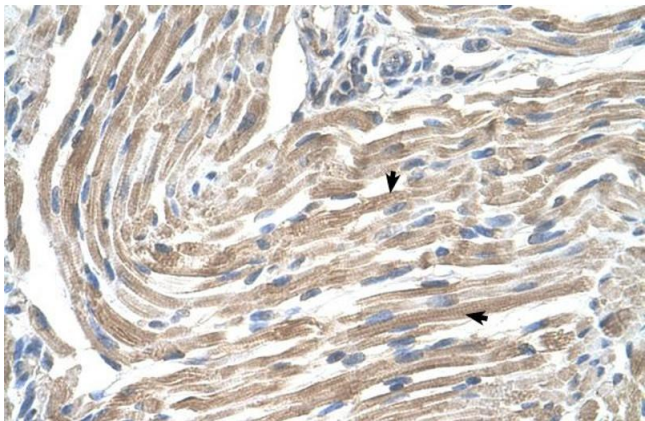
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



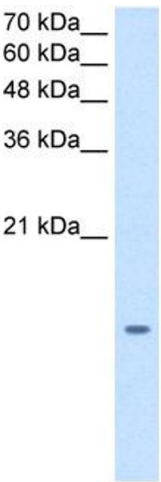
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Muscle



Western Blotting

Image 3. WB Suggested Anti-MGST2 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate MGST2 is supported by BioGPS gene expression data to be expressed in HepG2