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Datasheet for ABIN2791375

anti-FUOM antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	FUOM
Binding Specificity:	Middle Region
Reactivity:	Human, Pig, Rabbit, Rat, Dog, Guinea Pig, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUOM antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human FUOM
Sequence:	LLEAVLKLLP LDTYVESPAV VMELVPSDKE RGLQTPVWTE YESILRRAGC
Predicted Reactivity:	Dog: 93%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against FUOM. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FUOM
Alternative Name:	FUOM (FUOM Products)

Target Details

Background: FUOM is involved in the interconversion between alpha- and beta-L-fucoses. L-Fucose (6-deoxy-L-galactose) exists as alpha-L-fucose (29.5 %) and beta-L-fucose (70.5 %), the beta-form is metabolized through the salvage pathway. GDP-L-fucose formed either by the de novo or salvage pathways is transported into the endoplasmic reticulum, where it serves as a substrate for N- and O-glycosylations by fucosyltransferases. Fucosylated structures expressed on cell surfaces or secreted in biological fluids are believed to play a critical role in cell-cell adhesion and recognition processes.

Alias Symbols: C10orf125, FUCU, FucM

Protein Interaction Partner: NUDCD1,

Protein Size: 134

Molecular Weight: 14 kDa

Gene ID: 282969

NCBI Accession: [NM_198472](#), [NP_940874](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 134 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

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.



Western Blotting

Image 1. Host: Rabbit Target Name: FUOM Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml