

## Product datasheet for TA334836

### Fucose mutarotase (FUOM) Rabbit Polyclonal Antibody

#### Product data:

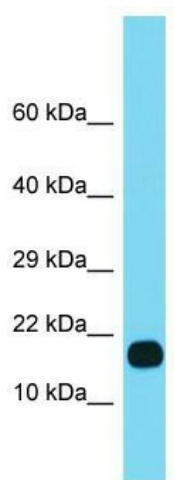
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FUOM antibody is: synthetic peptide directed towards the middle region of Human FUOM. Synthetic peptide located within the following region: LLEAVLKLLPLDTYVESPAAVMELVPSDKERGLQTPVWTEYESILRRAGC
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	14 kDa
Gene Name:	fucose mutarotase
Database Link:	<a href="#">NP_940874</a> <a href="#">Entrez Gene 282969 Human</a> <a href="#">A2VDF0</a>
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.


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**Synonyms:** C10orf125; FucM; FUCU

**Note:** Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 86%; Mouse: 86%; Rabbit: 86%; Guinea pig: 79%

## Product images:



Host: Rabbit; Target Name: FUOM; Sample  
Tissue: Fetal Heart lysates; Antibody Dilution: 1.0  
ug/ml