

Product datasheet for **TA370143**

ROM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: TM4, 293T, 231 and Hela cell lysates IHC: 30-150 Positive control: Human liver cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ROM1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	37 kDa
Gene Name:	retinal outer segment membrane protein 1
Database Link:	Entrez Gene 6094 Human Q03395



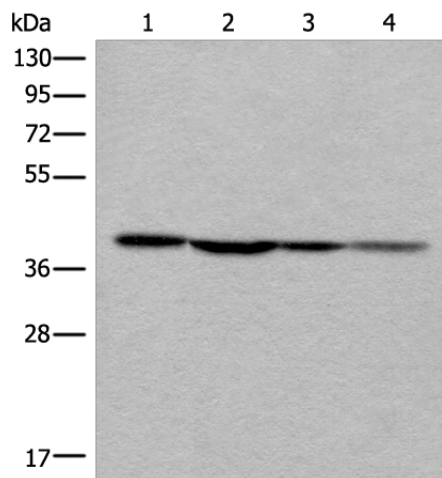
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Background:

This gene is a member of a photoreceptor-specific gene family and encodes an integral membrane protein found in the photoreceptor disk rim of the eye. This protein can form homodimers or can heterodimerize with another photoreceptor, retinal degeneration slow (RDS). It is essential for disk morphogenesis, and may also function as an adhesion molecule involved in the stabilization and compaction of outer segment disks or in the maintenance of the curvature of the rim. Certain defects in this gene have been associated with the degenerative eye disease retinitis pigmentosa.

Synonyms:

ROM; ROSP1; RP7; Tetraspanin-23; Tspan-23; TSPAN23

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-4: TM4

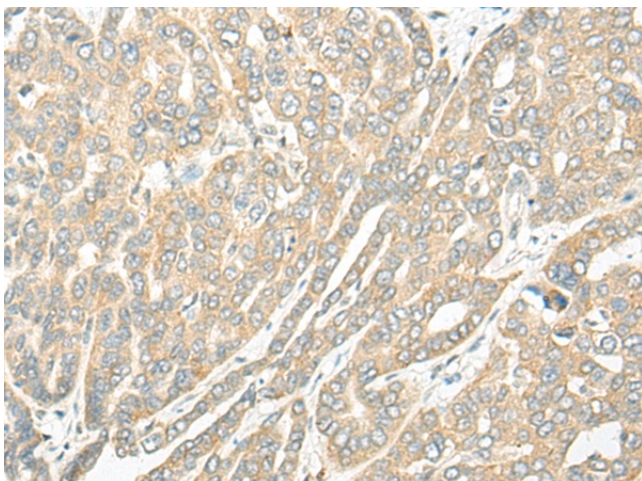
293T

231 and HeLa cell lysates

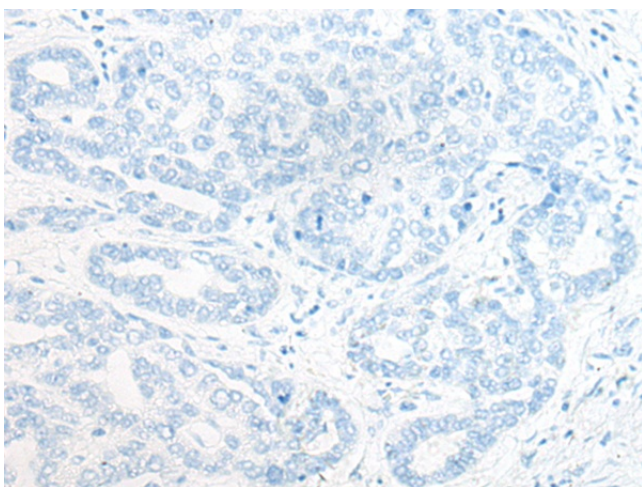
Primary antibody: TA370143 (ROM1 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370143 (ROM1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA370143 (ROM1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: $\times 200$)