

Recombinant TRPS1 (Transcriptional repressor GATA binding 1) Antibody

Rabbit Monoclonal Antibody [Clone MSVA-512R]

Catalog No	Format	Size
7227-RBM13-P0	Purified Ab with BSA and Azide	20 ug
7227-RBM13-P1	Purified Ab with BSA and Azide	100 ug

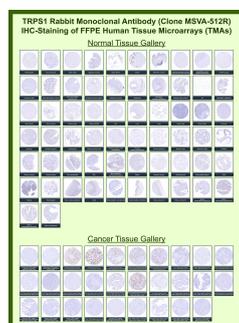
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:100-1:200	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:100 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Product Details

Clone	MSVA-512R
Immunogen	Recombinant fragment (around aa900-1100) of human TRPS1 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	142kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Breast: A strong TRPS1 staining should be seen in luminal breast epithelial cells. (For low-level TRPS1 detection: Testis: A weak nuclear TRPS1 staining should be seen in spermatogonia.)

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant TRPS1 (Transcriptional repressor GATA binding 1) Antibody



Zinc finger transcription factor Trps1 Rabbit Recombinant Monoclonal Antibody(MSVA-512R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

Specificity & Comments

Transcriptional repressor. Binds specifically to GATA sequences and represses expression of GATA-regulated genes at selected sites and stages in vertebrate development. Regulates chondrocyte proliferation and differentiation. Executes multiple functions in proliferating chondrocytes, expanding the region of distal chondrocytes, activating proliferation in columnar cells and supporting the differentiation of columnar into hypertrophic chondrocytes. Ubiquitously expressed in the adult. Found in fetal brain, lung, kidney, liver, spleen and thymus. More highly expressed in androgen-dependent than in androgen-independent prostate cancer cells.

Supplied As

Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Nuclear Marker

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
