

TRPS1 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50254

Clone# BP6231

Predicted Molecular Wt: 141kDa

Species Cross-reactivity: Human

Applications: IHC-P

Purity: ProA affinity purified IgG

Form: Liquid

Swissprot ID: Q9UHF7

Background:

TRPS1 is a transcription factor that was initially discovered as being mutated in Tricho-rhino-phalangeal syndrome, a craniofacial and skeletal malformation syndrome. TRPS1 recognizes GATA sequences and represses the activation potential of other GATA factors. In addition, TRPS1 binds to the NuRD complex via CHD4 and can repress other key transcription factors such as p63 and estrogen receptor.

TRPS1 is highly expressed in breast cancer, cervix, esophageal epithelium.

TRPS1 is used as a sensitive and specific marker of breast cancer in pathological diagnosis.

Subcellular location:

Nucleus

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant protein fragment of TRPS1 was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

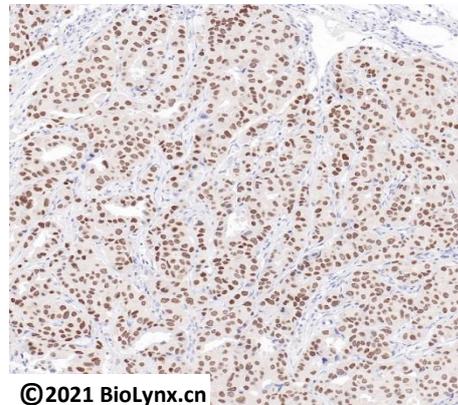
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Serandour, A.A. et al. (2018) Oncogene 37, 5281-91.
2. Wang, Y. et al. (2018) Oncogenesis 7, 96.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of breast cancer labelling TRPS1 with BP6231.

Product QC'd by:



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