

Parafibromin Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50313

Clone# BP6290

Predicted Molecular Wt: 60kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: Q6P1J9

Background:

Parafibromin is also known as cytokeratin (CDC73) or hyperparathyroidism type 2 (HRPT2). Tumor suppressor probably involved in transcriptional and post-transcriptional control pathways. May be involved in cell cycle progression through the regulation of cyclin D1/PRAD1 expression. Component of the PAF1 complex (PAF1C) which has multiple functions during transcription by RNA polymerase II and is implicated in regulation of development and maintenance of embryonic stem cell pluripotency.

Parafibromin is widely distributed within tissues and is involved in a variety of life activities, including adrenal, parathyroid glands, kidney and heart.

Mutations in Parafibromin have been associated with the development of a variety of cancers, including parathyroid carcinoma, hyperparathyroidism-mandibular tumour syndrome, squamous cell carcinoma of the head and neck and cancers of the breast, stomach, colorectum and lung.

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:

Synthetic peptide. This information is proprietary to Biolynx.

Storage Buffer:

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

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

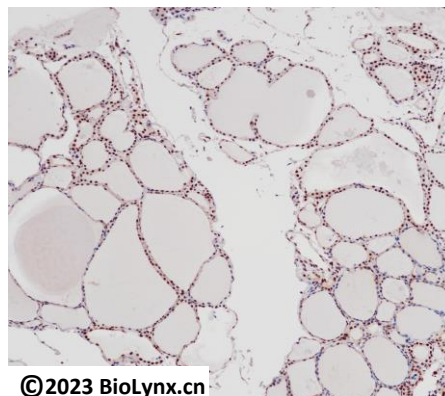
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

1. Zhu R et al. Clin Endocrinol (Oxf) 92:295-302 (2020).
2. Hu Y et al. Endocr Pract 25:634-641 (2019).



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Immunohistochemical (formalin/PFA-fixed paraffin-embedded sections) analysis of human thyroid gland labelled with Parafibromin using BP6290.

Product QC'd by:



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