



Datasheet for ABIN7163723
anti-POC1B antibody (AA 299-478)



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3 Images

Overview

Quantity:	100 µL
Target:	POC1B
Binding Specificity:	AA 299-478
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POC1B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human POC1 centriolar protein homolog B protein (299-478AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	POC1B
Alternative Name:	POC1B (POC1B Products)
Background:	Background: Plays an important role in centriole assembly and/or stability and ciliogenesis (PubMed:20008567). Involved in early steps of centriole duplication, as well as in the later steps

Target Details

of centriole length control (PubMed:19109428). Acts in concert with POC1A to ensure centriole integrity and proper mitotic spindle formation. Required for primary cilia formation, ciliary length and also cell proliferation (PubMed:23015594). Required for retinal integrity (PubMed:25044745).

Aliases: 4933430F16Rik antibody, FLJ14923 antibody, FLJ41111 antibody, Pix1 antibody, POC1 centriolar protein homolog B (Chlamydomonas) antibody, POC1 centriolar protein homolog B antibody, POC1B antibody, POC1B_HUMAN antibody, TUWD12 antibody, WD repeat containing protein 51B antibody, WD repeat domain 51B antibody, WD repeat-containing protein 51B antibody, WDR51B antibody

UniProt: [Q8TC44](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

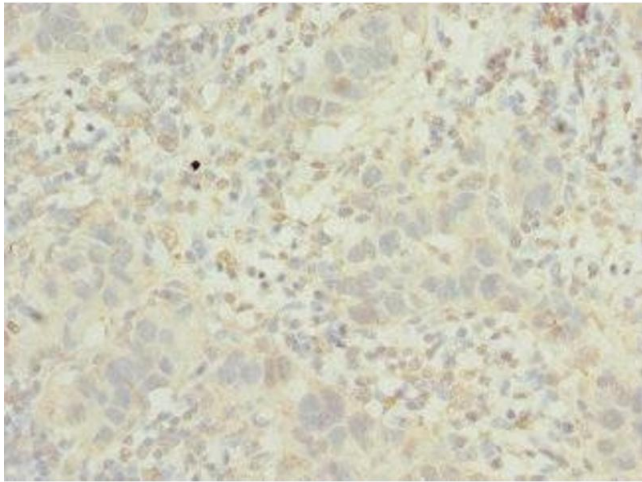
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

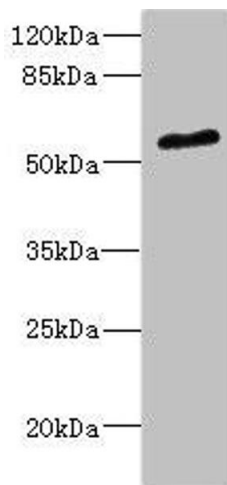
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



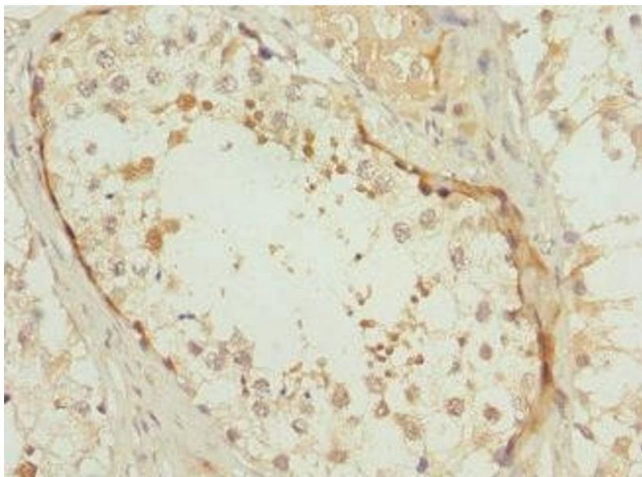
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human bladder cancer using ABIN7163723 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: POC1B antibody at 2.35 μ g/mL + Mouse small intestine tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 54, 50 kDa Observed band size: 54 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7163723 at dilution of 1:100