

Datasheet for ABIN7165284
anti-P4HB antibody (AA 29-508)



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2 Images

Overview

Quantity:	100 µg
Target:	P4HB
Binding Specificity:	AA 29-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P4HB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Protein disulfide-isomerase protein (29-508AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	P4HB
Alternative Name:	P4HB (P4HB Products)
Background:	Background: Dsb proteins (DsbA, DsbB, DsbC, and DsbD) catalyze formation and isomerization of protein disulfide bonds in the periplasm of Escherichia coli. Disulphide bond isomerase

Target Details

(DsbC), a member of the thioredoxin superfamily, acts as a disulfide isomerase and converts aberrant disulfide bonds to correct ones. It also acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbC is reoxidized by a yet uncharacterized protein.

Aliases: Cellular thyroid hormone binding protein antibody, Cellular thyroid hormone-binding protein antibody, Collagen prolyl 4 hydroxylase beta antibody, Disulphide Isomerase antibody, DSI antibody, EC 5.3.4.1 antibody, Endoplasmic reticulum resident protein 59 antibody, ER protein 59 antibody, ERBA2L antibody, ERp59 antibody, GIT antibody, Gltathione insulin transhydrogenase antibody, Glutathione insulin transhydrogenase antibody, P4HB antibody, P4Hbeta antibody, p55 antibody, PDI antibody, PDIA1 antibody, PDIA1_HUMAN antibody, PDIR antibody, PHDB antibody, PO4DB antibody, PO4HB antibody, Procollagen proline 2 oxoglutarate 4 dioxygenase (proline 4 hydroxylase) beta polypeptide (protein disulfide isomerase associated 1) antibody, Procollagen proline 2 oxoglutarate 4 dioxygenase beta subunit antibody, PROHB antibody, Prolyl 4 hydroxylase beta polypeptide antibody, Prolyl 4 hydroxylase beta subunit antibody, Prolyl 4 hydroxylase subunit beta antibody, Prolyl 4-hydroxylase subunit beta antibody, Protein disulfide isomerase associated 1 antibody, Protein disulfide isomerase, family A, member 1 antibody, Protein disulfide isomerase/oxidoreductase antibody, Protein disulfide-isomerase antibody, Protocollagen hydroxylase antibody, Thbp antibody, Thyroid hormone binding protein p55 antibody, Thyroid hormone binding protein p55 cellular antibody, V erb a avian erythroblastic leukemia viral oncogene homolog 2 like antibody

UniProt: [P07237](#)

Pathways: [Maintenance of Protein Location](#), [Cell RedoxHomeostasis](#), [Lipid Metabolism](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

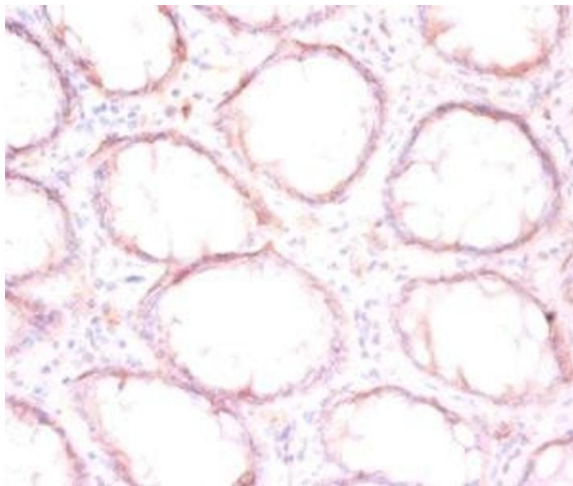
Preservative: ProClin

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

Handling

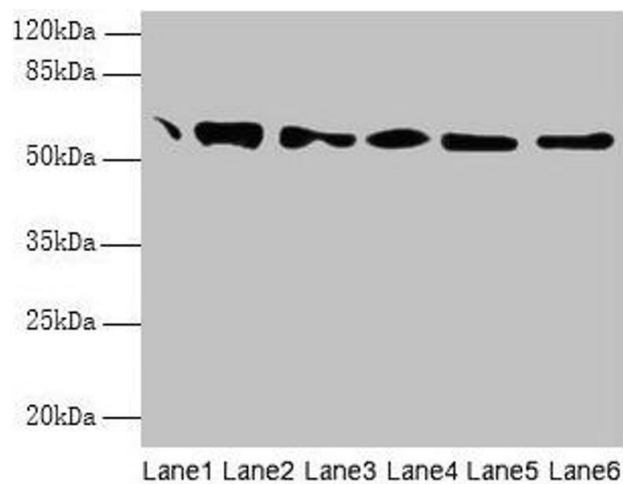
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7165284 at dilution of 1:50



Western Blotting

Image 2. Western blot All lanes: P4HB antibody at 1.8 µg/mL Lane 1: Mouse brain tissue Lane 2: Colo320 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: 293T whole cell lysate Lane 5: Hela whole cell lysate Lane 6: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 58 kDa Observed band size: 58 kDa