

BXDC2 Rabbit pAb

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Catalog # AP59006

Product Information

Application	WB
Primary Accession	Q8TDN6
Reactivity	Human
Predicted	Rat, Pig, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41401
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BXDC2
Epitope Specificity	51-150/353
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus, nucleolus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	BXDC2 is a 306 amino acid protein encoded by the human gene BXDC2. BXDC2 is a nuclear protein that contains one Brix domain. Brix domain containing proteins represent a family of proteins involved in the biogenesis of large ribosomal subunits. The Brix domain is a region that is homologous to the yeast protein Pitx1 (Ribosome biogenesis protein BRX1). Pitx1 is part of a complex that includes BXDC5, BXDC1 and PPAN. This complex is required for the biogenesis of the 60S ribosomal subunit. BXDC2 exhibits the same functions as Pitx1.

Additional Information

Gene ID	55299
Other Names	Ribosome biogenesis protein BRX1 homolog, Brix domain-containing protein 2, BRX1, BRX, BXDC2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

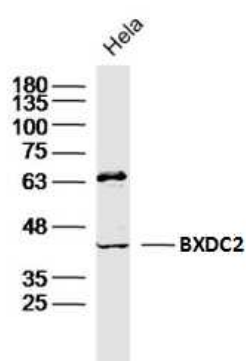
Protein Information

Name	BRIX1
Synonyms	BRIX, BXDC2
Function	Required for biogenesis of the 60S ribosomal subunit.
Cellular Location	Nucleus, nucleolus.

Background

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Images



Sample:
Hela Cell(Human)Lysate at 30 ug
Primary: Anti- BXDC2 (AP59006)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41kD
Observed band size: 41kD

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