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Datasheet for ABIN6984653
anti-BTBD12 antibody (AA 171-270) (Cy5)

Overview

Quantity:	100 µL
Target:	BTBD12
Binding Specificity:	AA 171-270
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTBD12 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLX4/BTBD12
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BTBD12
Alternative Name:	SLX4 (BTBD12 Products)

Target Details

Background: Synonyms: BTB (POZ) domain containing 12, BTB/POZ domain-containing protein 12, BTBD12, FANCP, KIAA1784, KIAA1987, MUS312, SLX 4, slx4, SLX4 structure-specific endonuclease subunit homolog (S. cerevisiae), SLX4_HUMAN, Structure-specific endonuclease subunit slx4.

Background: This gene encodes a structure-specific endonuclease subunit. The encoded protein contains a central BTB domain and it forms a multiprotein complex with the ERCC4(XPF)-ERCC1, MUS81-EME1, and SLX1 endonucleases, and also associates with MSH2/MSH3 mismatch repair complex, telomere binding complex TERF2(TRF2)-TERF2IP(RAP1), the protein kinase PLK1 and the uncharacterized protein C20orf94. The multiprotein complex is required for repair of specific types of DNA lesions and is critical for cellular responses to replication fork failure. The encoded protein acts as a docking platform for the assembly of multiple structure-specific endonucleases.[provided by RefSeq, Jan 2011]

Gene ID: 84464

UniProt: [Q8IY92](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months