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Datasheet for ABIN4997349 **anti-BEND2 antibody (Alexa Fluor 680)**

Overview

Quantity:	100 µL
Target:	BEND2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BEND2 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BEND2/CXorf56
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	BEND2
Alternative Name:	BEND2 (BEND2 Products)
Background:	<p>Synonyms: BEN domain-containing protein 2, BEN domain containing 2, BEND 2, BEND2, BEND-2, Chromosome X open reading frame 20, MGC33653, BEND2_HUMAN, CXorf56.</p> <p>Background: BEND2 is a 799 amino acid protein that contains two BEN domains. BEND2 exists as two alternatively spliced isoforms and is considered a complete proteome. BEN domain</p>

Target Details

mediates proteinDNA and proteinprotein interactions during chromatin organization and transcription. BEN domain may play a role in organization of viral DNA during replication or transcription. The BEND2 gene maps to human chromosome Xp22.13. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The X and Y chromosomes are the human sex chromosomes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome.

Application Details

Application Notes: IF(IHC-P) 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.

Expiry Date: 12 months