

## BTBD6 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00999
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BTBD6. AA range:91-140
<b>Mol wt</b>	45925
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	BTBD6 Antibody
<b>Synonyms</b>	BTBD6; BDPL; BTB/POZ domain-containing protein 6; Lens BTB domain protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

BTBD6 (BTB/POZ domain-containing protein 6), also known as BDPL or lens BTB domain protein, is a 410 amino acid protein that contains one BTB/POZ domain and is specifically expressed in the lens. The BTB/POZ domain mediates homomeric and heteromeric POZ-POZ interactions and is common to transcriptional regulators involved in chromatin modeling. In several BTB/POZ containing proteins, including BCL-6 and the promyelocytic leukemia zinc-finger (PLZF) oncoprotein, this domain interacts with the SMRT/N-CoR-mSin3A HDAC complex and is directly involved in repressing and silencing gene transcription. When this domain is deleted, as with the oncogenic PLZF-RAR chimera of promyelocytic leukemias, this transcriptional repression is attenuated. This suggests that BTBD6 may play a role in transcription regulation in the lens.

### Recommended Dilution

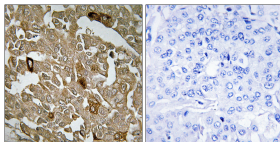
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

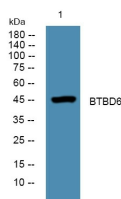
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using BTBD6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night

## Storage

-20°C for one year

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