

BEND3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16612b**Specification**

BEND3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q5T5X7](#)**BEND3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 57673**Other Names**

BEN domain-containing protein 3, BEND3, KIAA1553

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BEND3 Antibody (C-term) Blocking Peptide - Protein Information**Name** BEND3**Synonyms** KIAA1553**Function**

Transcriptional repressor which associates with the NoRC (nucleolar remodeling complex) complex and plays a key role in repressing rDNA transcription. The sumoylated form modulates the stability of the NoRC complex component BAZ2A/TIP5 by controlling its USP21-mediated deubiquitination (PubMed:21914818, PubMed:26100909). Binds to unmethylated major satellite DNA and is involved in the recruitment of the Polycomb repressive complex 2 (PRC2) to major satellites (By similarity). Stimulates the ERCC6L translocase and ATPase activities (PubMed:28977671).

Cellular Location

Nucleus. Nucleus, nucleolus. Note=In the nucleus, observed in heterochromatic foci containing CBX1, CBX3, CBX5 and histone H3 trimethylated at 'Lys-9'. Released from chromatin during decondensation. Association with heterochromatin does not depend on sumoylation.

Tissue Location

Expressed at least in heart, kidney, liver, ovary and spleen, with highest levels in spleen and lowest in heart Expressed on the surface of T-cells.

BEND3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

BEND3 Antibody (C-term) Blocking Peptide - Images

BEND3 Antibody (C-term) Blocking Peptide - References

Vertegaal, A.C., et al. Mol. Cell Proteomics 5(12):2298-2310(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)