

ZBT24 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11886a**Specification**

ZBT24 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O43167
Other Accession	NP_055612.1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	137-166

ZBT24 Antibody (N-term) - Additional Information**Gene ID** 9841**Other Names**

Zinc finger and BTB domain-containing protein 24, Zinc finger protein 450, ZBTB24, KIAA0441, ZNF450

Target/Specificity

This ZBT24 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 137-166 amino acids from the N-terminal region of human ZBT24.

Dilution

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZBT24 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZBT24 Antibody (N-term) - Protein Information**Name** ZBTB24

Synonyms KIAA0441, ZNF450

Function May be involved in BMP2-induced transcription.

Cellular Location
Nucleus.

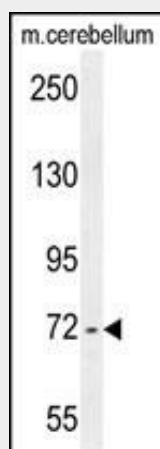
Tissue Location
Widely expressed, with highest levels in naive B- cells.

ZBT24 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

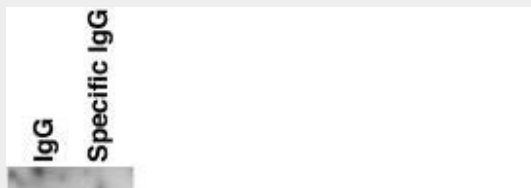
ZBT24 Antibody (N-term) - Images



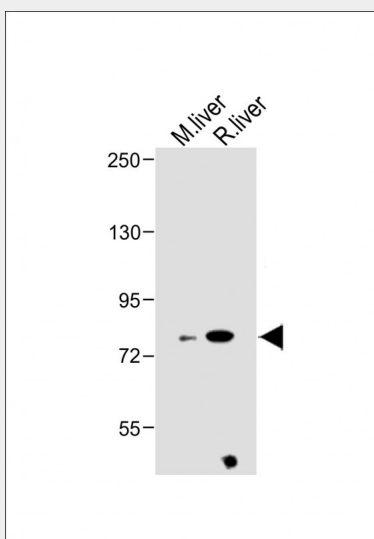
ZBT24 Antibody (N-term) (Cat. #AP11886a) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the ZBT24 antibody detected the ZBT24 protein (arrow).



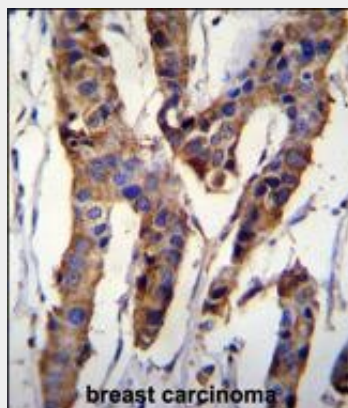
ZBT24 Antibody (N-term) (Cat. #AP11886a) western blot analysis in ICF, GM12878 and MCF-7 cell line lysates. This demonstrates the ZBT24 antibody detected endogenous ZBT24 protein in MCF-7 and GM12878 cell lines but not in GM08714 cell line (kindly supplied by Dr. Grimmer).



ZBT24 Antibody (N-term) (Cat. #AP11886a) pulled down ZBT24(ZNF450) protein in HepG 2 cell line (kindly supplied by Dr. Grimmer).



All lanes : Anti-ZBT24 Antibody (N-term) at 1:1000 dilution Lane 1: Mouse liver lysate Lane 2: Rat liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 78 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ZBT24 Antibody (N-term) (Cat. #AP11886a) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ZBT24 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ZBT24 Antibody (N-term) - Background

ZBT24 may be involved in BMP2-induced transcription (By similarity).

ZBT24 Antibody (N-term) - References

Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)