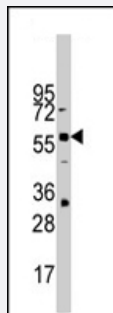


ZBTB7B polyclonal antibody

Catalog # PAB4466

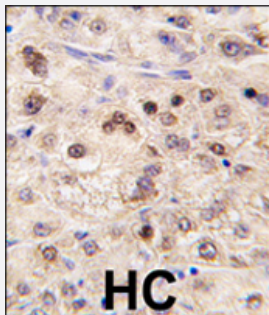
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of ZBTB7B polyclonal antibody (Cat # PAB4466) in mouse brain tissue lysates (35 ug/lane). ZBTB7B (arrow) was detected using the purified ZBTB7B polyclonal antibody (Cat # PAB4466) (1 : 60 dilution).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with ZBTB7B polyclonal antibody (Cat # PAB4466) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ZBTB7B.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human ZBTB7B.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein A purification

Recommend Usage	ELISA (1:1000) Western Blot (1:50-100) Immunohistochemistry (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — ZBTB7B

Entrez GeneID	51043
Protein Accession#	NP_056956;O15156
Gene Name	ZBTB7B
Gene Alias	DKFZp686G01254, THPOK, ZBTB15, ZFP67, ZNF857B, c-Krox, hcKrox
Gene Description	zinc finger and BTB domain containing 7B
Omim ID	607646
Gene Ontology	Hyperlink
Gene Summary	ZFP67 is an early growth response gene that encodes a zinc finger-containing transcription factor that binds to the promoter regions of type I collagen genes (e.g., COL1A1; MIM 120150) and has a role in development.[supplied by OMIM]

Other Designations

OTTHUMP00000035544|OTTHUMP00000035545|kruppel-related zinc finger protein hcKrox|zinc finger and BTB domain containing 15|zinc finger protein 67 homolog

Publication Reference

- [Functional characterization of the human biglycan 5'-flanking DNA and binding of the transcription factor c-Krox.](#)

Heegaard AM, Gehron Robey P, Vogel W, Just W, Widom RL, Scholler J, Fisher LW, Young MF.

Journal of Bone and Mineral Research 1997 Dec; 12(12):2050.

- [Cloning and characterization of hcKrox, a transcriptional regulator of extracellular matrix gene expression.](#)

Widom RL, Culic I, Lee JY, Korn JH.

Gene 1997 Oct; 198(1-2):407.

- [c-Krox, a transcriptional regulator of type I collagen gene expression, is preferentially expressed in skin.](#)

Galera P, Musso M, Ducy P, Karsenty G.

PNAS 1994 Sep; 91(20):9372.