bs-7581R

[Primary Antibody]

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ZHX2 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 22882 **SWISS:** Q9Y6X8

Target: ZHX2

Immunogen: KLH conjugated synthetic peptide derived from human ZHX2:

451-550/837.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: The members of the zinc fingers and homeoboxes gene family are nuclear homodimeric transcriptional repressors that interact with the A subunit of nuclear factor-Y (NF-YA) and contain two C2H2type zinc fingers and five homeobox DNA-binding domains. This gene encodes member 2 of this gene family. In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family. [provided by RefSeq, Jul 2008].[FUNCTION] Acts as a transcriptional repressor.[SUBUNIT] Forms homodimers. Also forms heterodimers with ZHX1 and ZHX3. Heterodimerization with ZHX1 is not necessary for repressor activity. Interacts with NFYA.[SUBCELLULAR LOCATION] Nucleus. [TISSUE SPECIFICITY] Ubiquitously expressed. [SIMILARITY]

Belongs to the ZHX family.

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500)

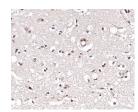
Reactivity: Human, Rat

(predicted: Mouse, Pig, Cow, Chicken, Dog, Horse)

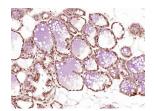
Predicted 92 kDa

Subcellular Nucleus

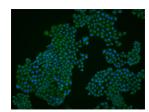
VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (ZHX2) Polyclonal Antibody, Unconjugated (bs-7581R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining



Paraformaldehyde-fixed, paraffin embedded (Rat breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ZHX2) Polyclonal Antibody, Unconjugated (bs-7581R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



MCF-7 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (ZHX2) polyclonal Antibody, Unconjugated (bs-7581R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.