10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BZW1 Rabbit pAb

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Catalog # AP55019

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7L1Q6
Reactivity	Rat, Human
Predicted	Pig, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48043
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BZW1
Epitope Specificity	11-120/419
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Enhances histone H4 gene transcription but does not seem to bind DNA directly.

Additional Information

Gene ID	9689
Other Names	eIF5-mimic protein 2, Basic leucine zipper and W2 domain-containing protein 1, Protein Orf, BZW1, 5MP2 {ECO:0000303|PubMed:21745818}, BZAP45, KIAA0005
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

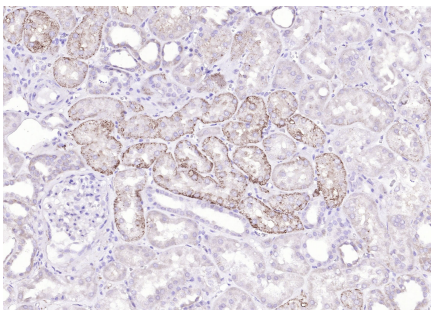
Name	BZW1
Synonyms	5MP2 {ECO:0000303|PubMed:21745818}, BZAP
Function	Translation initiation regulator which represses repeat- associated non-AUG

(RAN) initiated translation probably by acting as a competitive inhibitor of eukaryotic translation initiation factor 5 (EIF5) function (PubMed:29470543, PubMed:34260931). Enhances histone H4 gene transcription but does not seem to bind DNA directly (PubMed:11524015).

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (BZW1) Polyclonal Antibody, Unconjugated (AP55019) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.