BNC1 Polyclonal Antibody

Catalog No	YP-Ab-04979
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	BNC1 BNC
Protein Name	Zinc finger protein basonuclin-1
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	BNC1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	109kD
Cell Pathway	Nucleus . Cytoplasm . Nucleus, nucleoplasm . Relocates to the midpiece of the flagellum during late spermiogenesis in spermatids. .
Tissue Specificity	In epidermis, primarily detected in cells of the basal or immediately suprabasal layers (at protein level) (PubMed:16891417). In hair follicles, mainly expressed in the outer root sheath (at protein level) (PubMed:8034748). Expressed in epidermis, testis and foreskin, and to a lower extent in thymus, spleen, mammary glands, placenta, brain and heart (PubMed:9687312). Expressed in the ovary, notably in oocytes (PubMed:30010909).
Function	function:Likely to be a transcription factor specific for squamous epithelium and for the constituent keratinocytes at a stage either prior to or at the very beginning of terminal differentiation. May play a role in the differentiation of spermatozoa and oocytes.,PTM:Phosphorylation on Ser-537 and Ser-541 leads to cytoplasmic localization.,similarity:Contains 6 C2H2-type zinc fingers.,subcellular location:Relocates to the midpiece of the flagellum during late spermiogenesis in spermatids.,tissue specificity:Expressed in epidermis, testis and foreskin, and to a lower extent in thymus, spleen, mammary glands, placenta, brain and heart.,
Background	The protein encoded by this gene is a zinc finger protein present in the basal cell layer of the epidermis and in hair follicles. It is also found in abundance in the germ cells of testis and ovary. This protein is thought to play a regulatory role in

	keratinocyte proliferation and it may also be a regulator for rRNA transcription. Alternative splicing of this gene results in multiple transcript variants, and multiple polyadenylation sites are indicated.[provided by RefSeq, Jul 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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