

BNC1 Rabbit pAb

CatalogNo: YN0102

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 109kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 10-90

Specificity BNC1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name BNC1 BNC

Protein Name	Zinc finger protein basoonuclin-1		
	Organism	Gene ID	UniProt ID
	Human	646;	Q01954;
	Mouse		O35914;
Cellular Localization	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.,		

| Validation Data

| Contact information

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