

**AP50381PU-N****Polyclonal Antibody to BNC1 (N-term) - Aff - Purified****Alternate names:**

Zinc finger protein basонуclin-1

**Quantity:**

0.4 ml

**Concentration:**

lot specific

**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. This gene seems to have multiple alternatively spliced transcript variants, but their full-length nature is not known yet. There seems to be evidence of multiple polyadenylation sites for this gene.

**Uniprot ID:**[Q01954](#)**NCBI:**[NP\\_001708](#)**GeneID:**[646](#)**Host / Isotype:**

Rabbit / Ig

**Immunogen:**

KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human BNC1

**Format:****State:** Liquid purified Ig fraction**Purification:** Affinity chromatography on Protein A**Buffer System:** PBS containing 0.09% (W/V) sodium azide as preservative**Applications:****ELISA:** 1/1000.**Western blotting:** 1/100 - 1/500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

This antibody reacts to BNC1.

**Species Reactivity:****Tested:** Human.**Add. Information:****Molecular Weight:** 110972 Da**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**General Readings:**

1. Vanhoutteghem, A., et al. Proc. Natl. Acad. Sci. U.S.A. 103(33):12423-12428(2006)
2. Iuchi, S., et al. Exp. Dermatol. 9(3):178-184(2000)
3. Tang, W., et al. Gene 237(1):35-44(1999)
4. Tseng, H., et al. J. Cell. Sci. 112 PT 18, 3039-3047 (1999)
5. Iuchi, S., et al. Proc. Natl. Acad. Sci. U.S.A. 96(17):9628-9632(1999)

## Pictures:

BNC1 Antibody (N-term) (Cat. #AP50381PU-N) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the BNC1 antibody detected the BNC1 protein (arrow).

