

BNC2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21711c

Product Information

| | |
|-------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q6ZN30 |
| Reactivity | Mouse |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB47849 |
| Calculated MW | 122330 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 54796 |
| Other Names | Zinc finger protein basonuclein-2, BNC2 (HGNC:30988) |
| Target/Specificity | This BNC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 641-676 amino acids from the Central region of human BNC2. |
| Dilution | WB~~1:2000 E~~Use at an assay dependent concentration. |
| Format | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | BNC2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

| | |
|-------------------|---|
| Name | BNC2 (HGNC:30988) |
| Function | Probable transcription factor specific for skin keratinocytes. May play a role in the differentiation of spermatozoa and oocytes (PubMed: 14988505). May also play an important role in early urinary-tract development (PubMed: 31051115). |
| Cellular Location | Nucleus. |

Tissue Location

Highly expressed in testis, uterus and small intestine, and weakly expressed in colon and prostate. Also expressed in skin, primary keratinocytes, immortalized keratinocytes, and HeLa and HEK293 cells. Not detected in blood, thymus, spleen or Hep-G2 cells.

Background

Probable transcription factor specific for skin keratinocytes. May play a role in the differentiation of spermatozoa and oocytes.

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

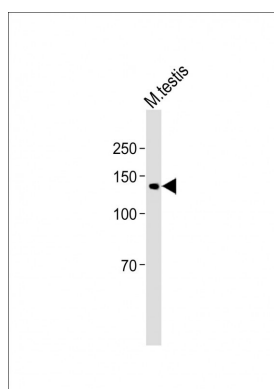
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Olsen J.V.,et al.Sci. Signal. 3:RA3-RA3(2010).

Images



All lanes: Anti-BNC2 Antibody (Center) at 1:1000 dilution + Mouse testis lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 130 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

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