

Datasheet for ABIN7073188
anti-Basonuclin 1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Basonuclin 1 (BNC1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Basonuclin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse BNC1/BNC
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	Basonuclin 1 (BNC1)
Alternative Name:	BNC1/BNC (BNC1 Products)
Background:	The zinc finger protein, basonuclin, is a putative rDNA transcription factor with highly restricted tissue distribution. Basonuclin is abundantly expressed in keratinocytes of the basal layer of the epidermis, the outer sheath of hair follicles and in the germ cells of the testis and ovary. In the epidermis, basonuclin, which is mainly localized to the cytoplasm, translocates to basal cell nuclei during different stages of keratinocyte growth. Basonuclin may enhance rRNA synthesis

Target Details

by elevating transcription from an rDNA promoter and inhibiting RNA polymerase I transcription through its zinc finger domain. Therefore, basonuclin may be a cell-type-specific transcription factor for rDNA transcription.

Molecular Weight: 107 kDa

UniProt: [O35914](#)

Application Details

Application Notes: WB (H,M,R) 1:250-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Images

Western Blotting

Image 1. Western blot analysis of BNC1 (ABIN7073188) at dilution of 1: 250

