
Anti- Nip1

Cat #: HM1250
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Nip1 is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. Other members of this family include Nip2, Nip3 and Nix. The adenovirus E1B19 kDa protein is a viral homolog of the Bcl-2 family of proteins that are involved in the protection of virally-induced cell death. Nip1 contains a hydrophobic transmembrane domain, which enables its localization to the nuclear envelope, endoplasmic reticulum and mitochondria.

SPECIFICITY

This antibody specifically reacts with Nip1 of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

Molecular Weight of Nip1: 33 kDa

IMMUNOGEN

A synthetic peptide derived from N-terminus of human Nip1 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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2. Subramanian, T., Boyd, J.M., and Chinnadurai, G. 1995. Functional substitution identifies a cell survival promoting domain common to adenovirus E1B 19 kDa and Bcl-2 proteins. *Oncogene* 11: 2403-2409.
3. Boyd, J.M., Malstrom, S., Subramanian, T., Venkatesh, L.K., Schaeper, U., Elangovan, B., D'Sa-Eipper, C., and Chinnadurai, G. 1994. Adenovirus E1B 19 kDa and Bcl-2 proteins interact with a common set of cellular proteins. *Cell* 79: 341-351.
4. Zhang, H., Heim, J., and Meyhack, B. 1999. Novel BNIP1 variants and their interaction with BCL2 family members. *FEBS Letts.* 448: 23-27.
5. Zhang, H., Heim, J. and Meyhack, B. (1999) Novel BNIP1 variants and their interaction with BCL2 family members. *FEBS Lett.* 448, 23-27.

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