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**Anti- Nip2**

Cat #: HM1251  
Goat polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

Nip2 is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. Other members of this family include Nip1, 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. Nip2 shares homology with the non-catalytic domain of Cdc42 GTPase-activating protein (Cdc42GAP). Through binding to Cdc42GAP, Nip2 enhances the GTPase activity of Cdc42GAP, facilitating the hydrolysis of GTP bound to Cdc42 and thereby, mediating the signaling pathways involving receptor kinases, small GTPases and apoptotic proteins.

**SPECIFICITY**

This antibody specifically reacts with Nip2 of human, mouse and rat origin.

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

**IMMUNOGEN**

A synthetic peptide derived from N-terminus of human Nip2 protein.

**STORAGE**

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

**REFERENCES**

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