



## *Biotinylated Anti-mouse Dhh N-terminal peptide Antibody*

### ORDERING INFORMATION

**Catalog Number:** BAF733

**Lot Number:** GJP01

**Size:** 50 µg

**Formulation:** 0.2 µm filtered solution in PBS  
with BSA

**Storage:** -20° C

**Reconstitution:** sterile 0.1% BSA in TBS

**Specificity:** mouse Dhh-N

**Immunogen:** *E. coli*-derived rmDhh-N  
(aa 23 - 198)

**Ig Type:** goat IgG

**Applications:** Western blot  
Immunohistochemistry

### ***Preparation***

Produced in goats immunized with purified, *E. coli*-derived, recombinant mouse desert hedgehog N-terminal peptide (aa 23 - 198, rmDhh-N). Dhh-N specific IgG was purified by mouse Dhh-N affinity chromatography and then biotinylated.

### ***Formulation***

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

### ***Reconstitution***

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/mL.

### ***Storage***

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### ***Specificity***

This antibody has been selected for use as a detection antibody in mouse Dhh-N western blots.

### ***Applications***

**Western blot** - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse Dhh-N. The detection limit for rmDhh-N is approximately 0.5 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows approximately 5% cross-reactivity with rmShh N-terminal peptide and less than 1% cross-reactivity with rhDhh C-terminal peptide and rmlhh C-terminal peptide and rmShh C-terminal peptide.

**Immunohistochemistry** - This antibody will detect Dhh-N in cells and tissues. The working dilution is 5 - 15 µg/mL. For chromogenic detection of labeling, use R&D Systems' Cell and Tissue Staining Kits (CTS Series).

**Optimal dilutions should be determined by each laboratory for each application.**