

## Product Information

### Anti-Patch1

produced in rabbit, affinity isolated antibody

Catalog Number **P0088**

### Product Description

Anti-Patch1 is produced in rabbit using as immunogen a synthetic peptide corresponding to residues 269-279 [KKINYQVDSWE] of human Patch1 (GeneID 19206). This sequence is 100% identical in rat, chicken and human. The antibody is affinity-purified.

Anti-Patch1 recognizes human Patch1. Applications include the detection of Patch1 by immunoblotting and immunohistochemistry.

Mutations of the human *Patched* tumor suppressor gene (*PTCH*) have been identified in individuals with the nevoid basal cell carcinoma syndrome (NBCCS) as well as in sporadic basal cell carcinomas and medulloblastomas.

### Reagent

Supplied as a solution in phosphate buffered saline, containing 0.02% sodium azide.

Antibody concentration: ~1.0 mg/mL

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2-8 °C for up to three months. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended.

### Product Profile

Immunoblotting: a working dilution of 1:500 to 1:1,000 is recommended.

Immunohistochemistry: an optimal working antibody dilution should be determined.

**Note**: In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.

### References

1. Smyth, I., et al., *Hum. Mol. Genet.* **8**:291-297 (1999).

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