

**Anti-PRG3 Antibody**  
**Catalog # AN2136****Specification**

---

**Anti-PRG3 Antibody - Product Information**

Primary Accession	<a href="#">O9Y2Y8</a>
Host	<b>Rabbit</b>
Clonality	<b>Rabbit Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>25406</b>

**Anti-PRG3 Antibody - Additional Information**Gene ID **10394****Other Names**

Proteoglycan 3, Eosinophil major basic protein homolog, Prepro-major basic protein homolog, Prepro-MBPH

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-PRG3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

Blue Ice

**Anti-PRG3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-PRG3 Antibody - Images****Anti-PRG3 Antibody - Background**

The p53 tumor suppressor protein induces cell cycle arrest or apoptosis in response to cellular stresses. PRG3 (p53-responsive gene 3), is induced specifically under p53-dependent apoptotic conditions in human colon cancer cells. PRG3 has significant homology to bacterial oxidoreductases

and the apoptosis-inducing factor, AIF. Unlike AIF, PRG3 localizes in the cytoplasm and its ectopic expression induces apoptosis. The PRG3 gene is thus a novel p53 target gene in a p53-dependent apoptosis pathway