

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

Anti-PRG3 Antibody - Product Information

Primary Accession	O9Y2Y8
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	25406

Anti-PRG3 Antibody - Additional InformationGene 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