

### **MEIG1** Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57247

# **Specification**

### **MEIG1 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession

Reactivity

Rat, Pi

Reactivity
Host
Clonality
Calculated MW
Physical State

Rat, Pig, Dog, Bovine
Rabbit
Polyclonal
11 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human MEIG1

Epitope Specificity 31-80/88 Isotype IqG

Isotype
Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.
SIMILARITY Belongs to the MEIG1 family.

Important Note

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

#### **Background Descriptions**

MEIG1 is an 88 amino acid protein that is thought to function in germ cell differentiation and belongs to the MEIG1 family. The gene encoding MEIG1 maps to human chromosome 10p13. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

#### **MEIG1 Polyclonal Antibody - Additional Information**

#### Gene ID 644890

### **Other Names**

Meiosis expressed gene 1 protein homolog, MEIG1

#### **Dilution**

<span class ="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class</pre>

="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class

="dilution\_IF">IF~~1:50~200</span><br/>
><span class ="dilution\_ICC">ICC~~N/A</span><br/>
><span class ="dilution\_F">F~~N/A</span>





# **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

# **MEIG1 Polyclonal Antibody - Protein Information**

Name MEIG1 (HGNC:23429)

**Function** 

Essential for spermiogenesis.

# **MEIG1 Polyclonal 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 Cytomety
- Cell Culture

**MEIG1 Polyclonal Antibody - Images**