10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

ZSWIM3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59156

Specification

ZSWIM3 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q96MP5
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**79 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human ZSWIM3**
Epitope Specificity	**301-400/696**
Isotype	**IgG**
Purity	
affinity purified by Protein A	
Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Cell projection, cilium membrane. Cytoplasm. Cytoplasm, cytoskeleton, cilium basal body.**
SIMILARITY	**Belongs to the BBS5 family.**
SUBUNIT	**Part of BBSome complex, that contains BBS1, BBS2, BBS4, BBS5, BBS7, BBS8, BBS9 and BBIP10. The BBSome complex binds to PCM1 and tubulin. Binds to phosphoinositides.**
DISEASE	**Defects in BBS5 are a cause of Bardet-Biedl syndrome type 5 (BBS5) [MIM:209900]. Bardet-Biedl syndrome (BBS) is a genetically heterogeneous disorder characterized by usually severe pigmentary retinopathy, early onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation. Secondary features include diabetes mellitus, hypertension and congenital heart disease. A relatively high incidence of BBS is found in the mixed Arab populations of Kuwait and in Bedouin tribes throughout the Middle East, most likely due to the high rate of consaguinity in these populations and a founder effect.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZSWIM3 (Zinc finger SWIM domain-containing protein 3) is a 696 amino acid protein that contains one SWIM-type zinc finger. SWIM domains are found in a variety of eukaryotic and prokaryotic proteins and are thought to be critical for certain ubiquitination reactions. The gene encoding ZSWIM3 maps to human chromosome 20, which contains nearly 63 million bases that encode over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.

ZSWIM3 Polyclonal Antibody - Additional Information

Gene ID 140831

Other Names
Zinc finger SWIM domain-containing protein 3, ZSWIM3, C20orf164

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

ZSWIM3 Polyclonal Antibody - Protein Information

Name ZSWIM3

Synonyms C20orf164

ZSWIM3 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

ZSWIM3 Polyclonal Antibody - Images

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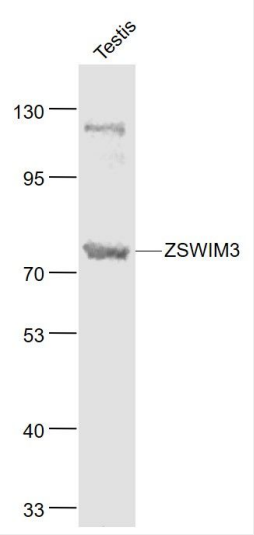

Sample:
Testis (Mouse) Lysate at 40 ug
Primary: Anti-ZSWIM3 (bs-9138R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 79 kD
Observed band size: 79 kD