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ACF1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58451

Specification

ACF1 Polyclonal Antibody - Product Information

Application	**IHC-P**
Primary Accession	O9NRL2
Reactivity	**Rat, Pig, Dog, Cow**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**178702**

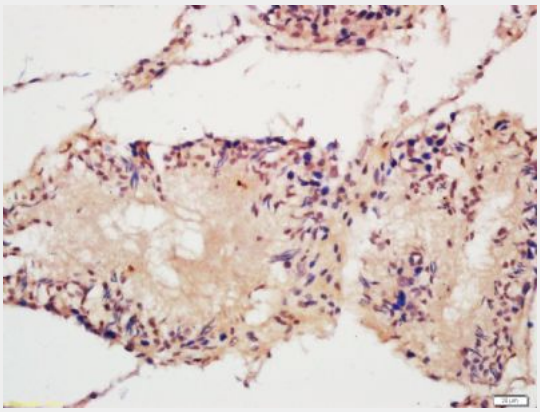
ACF1 Polyclonal Antibody - Additional Information

Gene ID 11177

Other Names
Bromodomain adjacent to zinc finger domain protein 1A, ATP-dependent chromatin-remodeling protein, ATP-utilizing chromatin assembly and remodeling factor 1, hACF1, CHRAC subunit ACF1, Williams syndrome transcription factor-related chromatin-remodeling factor 180, WCRF180, hWALp1, BAZ1A, ACF1, WCRF180

Format
0.01M TBS(pH7.4) with 1% BSA, 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 ℃.



Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-ACF1 Polyclonal Antibody, Unconjugated(bs-6476R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

ACF1 Polyclonal Antibody - Protein Information

Name BAZ1A

Synonyms ACF1, WCRF180

Function
Component of the ACF complex, an

ATP-dependent chromatin remodeling complex, that regulates spacing of nucleosomes using ATP to generate evenly spaced nucleosomes along the chromatin. The ATPase activity of the complex is regulated by the length of flanking DNA. Also involved in facilitating the DNA replication process. BAZ1A is the accessory, non-catalytic subunit of the complex which can enhance and direct the process provided by the ATPase subunit, SMARCA5, probably through targeting pericentromeric heterochromatin in late S phase. Moves end-positioned nucleosomes to a predominantly central position. May have a role in nuclear receptor-mediated transcription repression.

Cellular Location
Nucleus. Note=May target the CHRAC complex to heterochromatin

Tissue Location
Highly expressed in testis and at low or undetectable levels in other tissues analyzed

ACF1 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