

**bs-6476R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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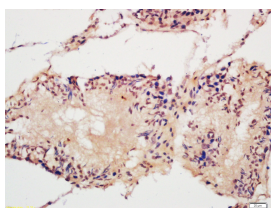
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**ACF1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 11177	<b>SWISS:</b> Q9NRL2	
<b>Target:</b> ACF1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ATP utilizing chromatin assembly and remodeling factor 1: 1401-1556/1556.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 171 kDa
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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. Component of the histone-fold protein complex CHRAC complex which facilitates nucleosome sliding by the ACF complex and enhances ACF-mediated chromatin assembly. The C-terminal regions of both CHRAC1 and POLE1 are required for these functions.		<b>Subcellular Location:</b> Nucleus

**— VALIDATION IMAGES —**

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°C 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