

**bs-25176R****[ Primary Antibody ]****ZCWCC1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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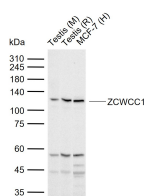
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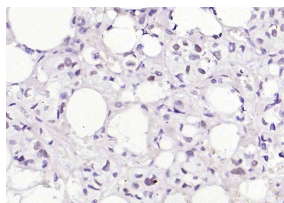
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 22880 <b>Target:</b> ZCWCC1 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ZCWCC1: 791-890/1032. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <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> The CW domain is a structural module found in many vertebrate, parasitic and plant proteins. It consists of a mononuclear four-cysteine zinc-finger domain that plays a role in DNA binding, chromatin methylation and early embryonic development. ZCWCC1 (zinc finger CW-type coiled-coil domain protein 1), also known as MORC2 (MORC family CW-type zinc finger protein 2) or ZCW3, is a 1,032 amino acid protein that contains one CW-type zinc finger domain. ZCWCC1 is located on chromosome 22 and is ubiquitously expressed with highest expression in pancreas, smooth muscle and testis. Expression of ZCWCC1 is upregulated in hypoxia, a pathological condition characterized by an inadequate supply of oxygen in the blood.	<b>Isotype:</b> IgG <b>SWISS:</b> Q9Y6X9	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:400-800) <b>IF</b> (1:100-500)
		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Dog, Horse)
		<b>Predicted MW.:</b> 118 kDa
		<b>Subcellular Location:</b> Cytoplasm ,Nucleus

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Rat Testis tissue lysates Lane 3: Human MCF-7 cell lysates Primary: Anti-ZCWCC1 (bs-25176R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 118 kDa Observed band size: 120 kDa



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (ZCWCC1) Polyclonal Antibody, Unconjugated (bs-25176R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.