

bs-15188R

[Primary Antibody]

C4orf21 Rabbit pAb

Bioss
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

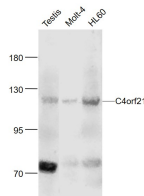
techsupport@bioss.com.cn

400-901-9800

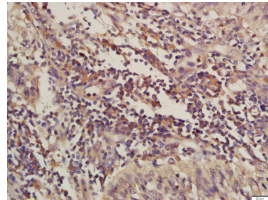
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Cow, Horse) Predicted MW.: 105 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 55345	SWISS: Q6ZU11	
Target: C4orf21		
Immunogen: KLH conjugated synthetic peptide derived from human C4orf21: 101-200/926.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 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.		
Background: C4orf12 (chromosome 4 open reading frame 12) is a 926 amino acid single-pass membrane protein that exists as two isoforms. The gene encoding C4orf21 maps to human chromosome 4. Human chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded by a gene that is located on chromosome 4, and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.		

— VALIDATION IMAGES —



Sample: Testis (Mouse) Lysate at 40 ug Molt-4 (Human) Cell Lysate at 30 ug HL60 (Human) Cell Lysate at 30 ug Primary: Anti- C4orf21 (bs-15188R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 119 kD Observed band size: 119 kD



Tissue/cell: human laryngo carcinoma; 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-C4orf21 Polyclonal Antibody, Unconjugated(bs-15188R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining