

bs-14127R**[Primary Antibody]****CXXC4 Rabbit pAb****BioSS**
ANTIBODIES

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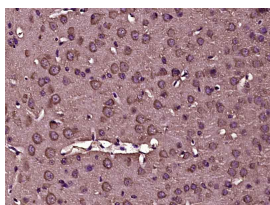
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 21 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 80319	SWISS: Q9H2H0	
Target: CXXC4		
Immunogen: KLH conjugated synthetic peptide derived from human CXXC4: 101-198/198.		
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: Idax is a 198 amino acid cytoplasmic protein that functions as a negative regulator of the Wnt signaling pathway through its interaction with the PDZ domain of Dvl-1. Containing one CXXC-type zinc finger, Idax is expressed at high levels in brain, with lower levels in testis and thymus. The gene encoding Idax maps to human chromosome 4, which 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 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 —

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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; Antibody incubation with (CXXC4) Polyclonal Antibody, Unconjugated (bs-14127R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.