

bs-21658R

[Primary Antibody]

CT054 Rabbit pAb

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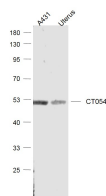
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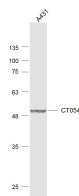
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse
GeneID: 113278	SWISS: Q9NQ40	
Target: CT054		
Immunogen: KLH conjugated synthetic peptide derived from human CT054 : 211-310/469.		Predicted MW.: 51 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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: CT054 is a Riboflavin transporter. Riboflavin transport is Na ⁺ -independent but moderately pH-sensitive. Activity is strongly inhibited by riboflavin analogs, such as lumiflavin, flavin mononucleotide (FMN) and flavin adenine dinucleotide (FAD), and to a lesser extent by amiloride.		

— VALIDATION IMAGES —



Sample: A431(Human) Cell Lysate at 30 ug
Uterus (Mouse) Lysate at 40 ug Primary: Anti-CT054 (bs-21658R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



Sample: A431(Human) Cell Lysate at 30 ug
Primary: Anti-CT054 (bs-21658R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD