

**bs-24303R****[ Primary Antibody ]****Cadherin 16 Rabbit pAb****BioSS**  
**ANTIBODIES**

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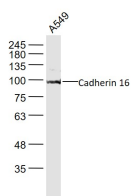
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat)
<b>GeneID:</b> 1014	<b>SWISS:</b> O75309	
<b>Target:</b> Cadherin 16		<b>Predicted MW.:</b> 90 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Cadherin 16: 261-360/829. < Extracellular >		<b>Subcellular Location:</b> Cell membrane
<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> This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011]		

**— VALIDATION IMAGES —**

Sample: A549(Human) Cell Lysate at 30 ug  
Primary: Anti-Cadherin 16 (bs-24303R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 90 kD Observed band size: 95 kD