

**bs-25756R****[ Primary Antibody ]**

## Myosin VIIa Rabbit pAb

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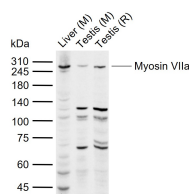
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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Cow, Chicken, Dog, Horse)
<b>GeneID:</b> 4647	<b>SWISS:</b> Q13402	<b>Predicted MW.:</b> 254 kDa
<b>Target:</b> Myosin VIIa		<b>Subcellular Location:</b> Cytoplasm
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Myosin VIIa: 1-100/2215.		
<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> Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. In retina, myosin VIIa may play a role in trafficking of ribbon-synaptic vesicle complexes and renewal of the outer photoreceptors disks. In inner ear, it may maintain the rigidity of stereocilia during the dynamic movements of the bundle.		

### — VALIDATION IMAGES —



Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Rat Testis tissue lysates Primary: Anti-Myosin VIIa (bs-25756R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 254 kDa Observed band size: 250 kDa