

bs-11472R**[Primary Antibody]****RSPH4A Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

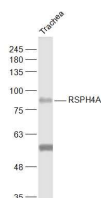
sales@bioss.com.cn

techsupport@bioss.com.cn

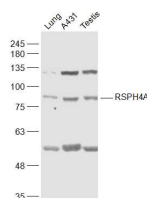
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)
GeneID: 345895	SWISS: Q5TD94	
Target: RSPH4A		Predicted MW.: 81 kDa
Immunogen: KLH conjugated synthetic peptide derived from human RSPH4A/RSHL3: 435-482/716.		Subcellular Location: Cytoplasm
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: RSHL3 is predicted to be a component of the radial spoke head based on homology with proteins in the biflagellate alga Chlamydomonas reinhardtii and other ciliates. RSHL3 (radial spoke head-like protein 3), also known as radial spoke head protein 4 homolog A, is a 716 amino acid protein that belongs to the flagellar radial spoke RSP4/6 family. Mutations in the RSHL3 gene cause primary ciliary dyskinesia 1, a disease arising from dysmotility of motile cilia and sperm. Existing as three alternatively spliced isoforms, the RSHL3 gene contains 6 exons, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, fruit fly and P.falciparum, and maps to human chromosome 6q22.1.		

— VALIDATION IMAGES —

Sample: Trachea (Mouse) Lysate at 40 ug
Primary: Anti-RSPH4A (bs-11472R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 81 kD Observed band size: 81 kD



Sample: Lung (Mouse) Lysate at 40 ug
A431(Human) Cell Lysate at 30 ug Testis (Mouse)
Lysate at 40 ug Primary: Anti-RSPH4A
(bs-11472R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 81 kD Observed
band size: 81 kD