

MYOSIN-VI
RABBIT POLYCLONAL ANTIBODY
PRODUCT #: 25-6791

DESCRIPTION: Myosin-VI is one of the unconventional members of the myosin molecular motor superfamily. The protein has broad tissue expression and has been implicated in endocytosis at both the clathrin-coated and uncoated stages. Regulation of myosin-6 transport has been shown to involve adaptor proteins including GIPC, which contains a PDZ-domain for uncoated vesicle recruitment and Dab2 for clathrin-coated vesicle association. In hair cells of the inner ear, absence of functional myosin-VI protein leads to cell death and deafness.

SPECIES CROSS-REACTIVITY: Broad

APPLICATIONS/DILUTIONS: IF (5-10 ug/ml)
WB (0.5-1.0 ug/ml)

SOURCE: Rabbits were immunized with amino acids 1049-1054 from the tail region of porcine myosin-VI.

FORM/STORAGE: 50 ug (0.5 mg/ml) of affinity purified IgG with 50% glycerol, 0.01% sodium azide and 1.0 mg/ml BSA. Store at -20° C. Avoid multiple freeze/thaw cycles.

REFERENCES:

Hasson, T. and M. S. Mooseker (1994). *Journal of Cell Biology* 127:425-440.
Hasson, T. et al. (1997), *Journal of Cell Biology* 137:1287-1307.

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