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EPS 8

Cat.No. 288 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 μg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 μl H_2O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: yes ICC: 1 : 500 IHC: 1 : 200 IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 648 to 821 from mouse EPS8 (UniProt Id: Q08509)
Reactivity	Reacts with: rat (F1M3L7), mouse (Q08509). Other species not tested yet.
Specificity	Specific for EPS 8. (K.O. verified)

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Actin dynamics are controlled by ensembles of actin-binding proteins. These processes include binding and/or sequestering of actin monomers, nucleation of actin filaments, capping or anticapping of barbed ends, and severing, bundling, and anchoring of F-actin (filamentous actin). The **e**pidermal growth factor receptor **p**athway **s**ubstrate **8** (**EPS 8**) belongs to a family of proteins that is involved in the signal-transduction from Ras to Rac mediating actin remodeling. It contains a proline-rich domain, a phosphotyrosine binding (PTB) domain, an SH3-binding domain and directly caps barbed actin ends and cross-links actin filaments.

Selected General References

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