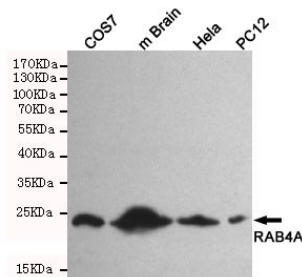


**RAB4A****Mouse monoclonal Antibody****#53518****Catalog Number:** 53518**Amount:** 100µg/100µl**Swiss-Prot No. :** P20338**Gene name:** rab4a-n**Gene id:** 5867**Clone Number:** 3D1-A9-H10**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human RAB4A protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of RAB4A and does not cross-react with related proteins**Reactivity:** Human, Mouse, Rat, Monkey**Applications:** Predicted MW: 24kd WB: 1:500

Western blot detection of RAB4A in HeLa, PC-12, COS7 and mouse brain cell lysates using RAB4A mouse mAb (1:500 diluted). Predicted band size: 24KDa. Observed band size: 24KDa.

### Background:

This gene is a member of the largest group in the Ras superfamily of small GTPases, which regulate membrane trafficking. The encoded protein is associated with early endosomes and is involved in their sorting and recycling. The protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane. Alternatively spliced transcript variants have been observed for this gene.