

AB-NN247-1

FIG4/SAC3 Antibody

Pan-specific monoclonal antibody (S202-7) for monitoring the expression of mouse FIG4/SAC3



KINEXUS

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Target Protein

Name Long:	Polyphosphoinositide phosphatase
Alias:	Polyphosphoinositide phosphatase, 5-bisphosphate 5-phosphatase, Fig4, KIAA0274, Sac3, Phosphatidylinositol 3, Phosphatidylinositol 3,5 bisphosphate 5 phosphatase, SAC domain containing protein 3, SAC domain-containing protein 3, SAC3
UniProt ID:	Q91WF7 - Mouse
Human Predicted Mass (KDa):	103.635 (907 AA; Q92562-1)
Observed SDS-PAGE Mass (KDa):	100

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 688-907 (C-terminus) of mouse Sac3. Rat: 95% identity (203/220 amino acids identical). Human: 91% identity (201/220 amino acids identical)
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-468 was sufficient for detection of FIG4/SAC3 in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~100 kDa protein.
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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