

AB-NN271-1 INPP5F Antibody

Pan-specific monoclonal antibody (S166A-26) for monitoring the expression of human INPP5F



KINEXUS

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Target Protein

Name Long:	Inositol polyphosphate 5-phosphatase OCRL-1 (INPP5F)
Alias:	EC 3.1.3.36, Inositol polyphosphate 5 phosphatase OCRL 1, Inositol polyphosphate 5 phosphatase OCRL1, Inositol polyphosphate 5-phosphatase OCRL-1, INPP5F, LOCR, Lowe oculocerebrorenal syndrome protein, NPHL2, OCRL 1, OCRL, OCRL_HUMAN, OCRL1, Oculocerebrorenal syndrome of Lowe, Phosphatidylinositol polyphosphate 5 phosphatase
UniProt ID:	Q01968 - Human
Human Predicted Mass (KDa):	104.205 (901 AA; Q01968-1); 103.227 (893 AA; Q01968-2)
Observed SDS-PAGE Mass (KDa):	100

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-901 (full-length) of human INPP5F. Rat: 93% identity (845/904 amino acids identical). Mouse: 91% identity (824/901 amino acids identical) ~50% identity with INPP5b.
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	18 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 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-464 was sufficient for detection of INPP5F in 20 µg of COS cells transiently transformed with GFP-tagged OCLR lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~100 kDa protein.
Antibody Cross Reactivities:	Cross-reacts with INPP5b.

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

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