

Product Datasheet

IQGAP1 Antibody (1260)

NB100-63052

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-63052

IQGAP1 Antibody (1260)

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1260
Preservative	Sodium Azide
Purity	Immunogen affinity purified
Buffer	No buffer
Product Description	
Host	Human
Gene ID	8826
Gene Symbol	IQGAP1
Species	Mouse
Reactivity Notes	Mouse. Not yet tested in other species.
Specificity/Sensitivity	NB100-63052 binds to the C-terminal 122 amino acids of mKIAA0051, also known as Murine IQ motif containing GTPase activating protein 1. The mKIAA0051 protein (IQGAP1) has a fundamental role in cell motility and invasion. It binds to activated CDC42 but does not stimulate its GTPase activity. It also associates with calmodulin and regulates cadherin-based cell adhesion. Potentially mKIAA0051 serves as an assembly scaffold for the organization of a multimolecular complex that would interface incoming signals to the reorganization of the actin cytoskeleton at the plasma membrane. NB100-63052 may bind to the human Ras GTPase-activating-like protein IQGAP1 (p195), due to 98% sequence identity in the antigen region.
Immunogen	Fusion protein of a domain of murine mKIAA0051 (amino acid residues 1536-1675, MW 14 kDa) expressed in E. coli.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, ELISA Immunohistochemistry-Frozen; Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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