



## Product data sheet

<b>Product number</b>	161807F12
<b>Antibody specificity</b>	Neuron Navigator 1 (NAV1)
<b>Species reactivity</b>	Human
<b>UniProt/GenelD</b>	Q8NEY1/89796
<b>Clone number</b>	KT124
<b>Immunogen</b>	Recombinant NAV1 (aa742 - aa1008)
<b>Antibody isotype</b>	Rat IgG2a
<b>Antibody form</b>	Intact antibody
<b>Concentration</b>	1 mg/ml in PBS containing 0.09% sodium azide as a preservative.
<b>Cross-reactivity</b>	Not tested
<b>Applications</b>	Primary antibody for Western blotting, immunofluorescent staining.  These are applications that have been tested. It does not mean that the antibody cannot be used for other applications.
<b>Suggested working concentrations</b>	Western blotting: 1/500 - 1/10000 Immunofluorescent staining: 1/200 - 1/1000  Optimal concentrations should be determined by the end user
<b>Preparation</b>	Antibody is purified from culture supernatant using a protein G column
<b>Store</b>	4 °C for 1 month, -20 °C or -80°C in aliquots. Avoid repeated freeze/thaw cycles
<b>Safety information</b>	This product contains sodium azide which is hazardous
<b>References</b>	van Haren J, Boudeau J, Schmidt S, Basu S, Liu Z, Lammers D, Demmers J, Benhari J, Grosveld F, Debant A, Galjart N. Dynamic microtubules catalyze formation of navigator-TRIO complexes to regulate neurite extension. <i>Curr. Biol.</i> 2014;24:1778-1785.

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