Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com

GPRIN1 Ab

Cat.#: AF0664	Concn.: 1mg/ml	Mol.Wt.: 102kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

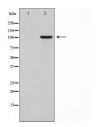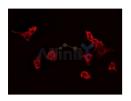|	
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500
Reactivity:	Human
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Specificity:	GPRIN1 Ab detects endogenous levels of GPRIN1.
Immunogen:	A synthesized peptide derived from human GPRIN1.
Uniprot:	Q7Z2K8
Description:	GRIN1 May be involved in neurite outgrowth. Interacts with activated forms of GNAI1, GNAO1 and GNAZ. 2 isoforms of the human protein are produced by alternative splicing. Note: This description may include information from UniProtKB.
Subcellular Location:	Cell membrane. Cell projection, growth cone. Highly enriched in growth cone.
Tissue Specificity:	Widely expressed in the central nervous system, with highest levels in spinal cord.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

Western blot analysis on HT29 cell lysate using GPRIN1 Ab,The lane on the left is treated with the antigen-specific peptide.

AF0664 staining HT29 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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