

ARG65199 anti-Pleiotrophin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Pleiotrophin
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Pleiotrophin
Species	Human
Immunogen	CGKLTGPKPQAESKK
Conjugation	Un-conjugated
Alternate Names	PTN; HBNF; Heparin-binding growth-associated molecule; Heparin-binding neurite outgrowth-promoting factor 1; HBGF8; HBNF-1; HBBM; Pleiotrophin; HBGF-8; OSF-1; Osteoblast-specific factor 1; Heparin-binding growth factor 8; Heparin-binding brain mitogen; NEGF1; HB-GAM; HARP

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5764 Human Swiss-port # P21246 Human
Gene Symbol	PTN
Gene Full Name	pleiotrophin
Function	Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells. Binds anaplastic lymphoma kinase (ALK) which induces MAPK pathway activation, an important step in the anti-apoptotic signaling of PTN and regulation of cell proliferation. [UniProt]
Research Area	Cancer antibody; Immune System antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	19 kDa
PTM	Phosphorylated by NEK6.

Images



ARG65199 anti-Pleiotrophin antibody WB image

Western Blot: 35 µg of Rat Brain lysate (protein in RIPA buffer) stained with ARG65199 anti-Pleiotrophin antibody at 0.3 µg/ml dilution.