

ARG58128 anti-Pleiotrophin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Pleiotrophin
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Pleiotrophin
Species	Human
Immunogen	Synthetic peptide around the C-terminus of Human Pleiotrophin (QAESKKKKKEGKKQEKMLD). (100% homologous in Human, Mouse and Rat).
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
	IHC-P	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

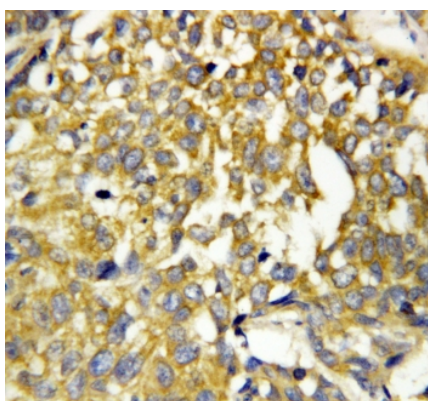
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% 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

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]
Calculated Mw	19 kDa
PTM	Phosphorylated by NEK6. [UniProt]
Cellular Localization	Cytoplasmic, membranous. [UniProt]

Images



ARG58128 anti-Pleiotrophin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast cancer tissue stained with ARG58128 anti-Pleiotrophin antibody.