

For Research Use Only

Hephaestin Polyclonal antibody

Catalog Number: 11148-1-AP

2 Publications



Basic Information

Catalog Number:

11148-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1604

GenBank Accession Number:

BC011561

GeneID (NCBI):

9843

UNIPROT ID:

Q9BQS7

Full Name:

hephaestin

Calculated MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human pancreas cancer tissue,

Background Information

Hephaestin, also named as KIAA0698, belongs to the multicopper oxidase family. It is provided as ferroxidase of cellular iron export. HEPH is implicated in iron homeostasis and may mediate iron efflux associated to ferroportin 1. HEPE is active in placenta but may not play a key role in placental iron transport.

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Li	36117765	Chin Herb Med	WB
Li Yan-Qin YQ	22170436	Cell Biochem Funct	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

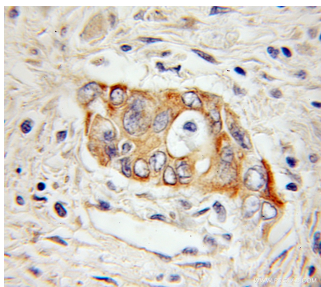
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11148-1-AP (Hephaestin antibody) at dilution of 1:50 (under 10x lens).