Product Datasheet

EEPD1 Antibody

Catalog No: #47092

Package Size: #47092 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

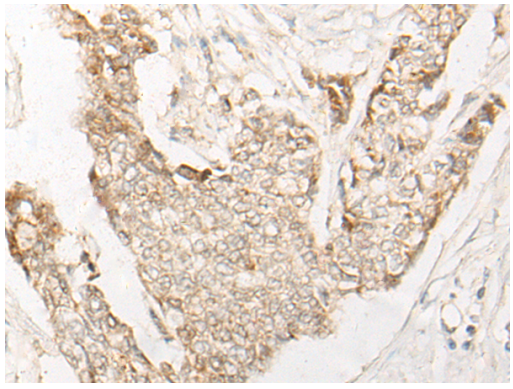
Description

Product Name	EEPD1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EEPD1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human EEPD1
Target Name	EEPD1
Other Names	HSPC107
Accession No.	Swiss-Prot#:Q7L9B9 NCBI Gene ID:80820Gene Accssion:NP_085139
Calculated MW	63 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

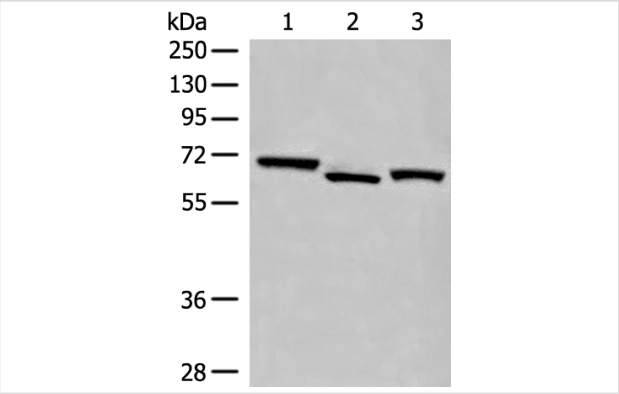
Application Details

Western blotting:1:200-1000Immunofluorescence:1: 20-100

Images



The image is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 47092(EEPD1 Antibody) at dilution 1/20. (Original magnification: ?00)



Gel: 8%SDS-PAGE
Lysate: 40 µg, Lane 1-3: PC-3 cell, Human cerebrum tissue, 231 cell lysates
Primary antibody:EEPD1 Antibody at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds

Background

EEPD1(endonuclease/exonuclease/phosphatase family domain containing 1), also known as HSPC107, is a 569 amino acid protein that contains one HhH domain. A significant decrease in the relative transcriptional level of EEPD1 is induced by long-term heat stress exposure. Conversely, EEPD1 is up-regulated in bovine adipogenic processes related to intramuscular pre-adipocyte differentiation. Encoded by a gene that maps to human chromosome 7p14.2, EEPD1 plays a role in DNA binding and repair. Chromosome 7 makes up about 5% of the human genome and contains 158 million bases encoding more than 1,000 genes. Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome are associated with Chromosome 7.

Published Papers

el at., Super-enhancer-associated EEPD1 facilitates EMT-mediated metastasis by regulating the PI3K/AKT/mTOR pathway in gastric cancerInBiochem Biophys Res CommunOn2023 Dec 31byYong Jin?1,?Ying Xia et al..PMID:?37976838, , (2023)
PMID:37976838

Note: This product is for in vitro research use only and is not intended for use in humans or animals.