

EDIL3 Polyclonal Antibody

Catalog number: 12580-1-AP

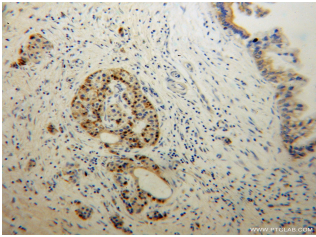
Size: 43 µg/150 µl

Source: Rabbit

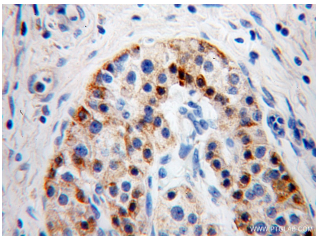
Isotype: IgG

Synonyms:

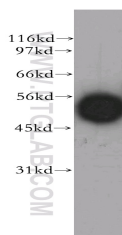
EDIL3; DEL1, EDIL3



Immunohistochemical of paraffin-embedded human pancreas cancer using 12580-1-AP (EDIL3 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human pancreas cancer using 12580-1-AP (EDIL3 antibody) at dilution of 1:100 (under 40x lens)



human lung tissue were subjected to SDS PAGE followed by western blot with 12580-1-AP (EDIL3 antibody) at dilution of 1:400

Background

EGF-like repeats and discoidin I-like domain-containing protein 3 (EDIL3), also named as DEL1 or integrin-binding protein DEL1, is a 52-kDa extracellular matrix protein produced by endothelial cells in embryos (PMID: 9420328). It is composed of three EGF repeats and two discoidin I-like domains. The second EGF repeat contains an RGD motif. EDIL3 promotes adhesion of endothelial cells through interaction with the alpha-v/beta-3 integrin receptor. It may be involved in vascular remodeling during angiogenesis (PMID: 12840057; 14981004). EDIL3 has also been reported to be an endogenous inhibitor of inflammatory cell recruitment by interfering with the integrin LFA-1-dependent leukocyte-endothelial adhesion (PMID: 19008446).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated EDIL3 MW:	52 kDa
Observed EDIL3 MW:	52-55 kDa
Positive WB detected in	Human lung tissue, COLO 320 cells, HEK-293 cells, HeLa cells, HepG2 cells, K-562 cells, mouse brain tissue, mouse lung tissue
Positive IHC detected in	Human pancreas cancer tissue, human liver cancer tissue, human lung cancer tissue
Recommended dilution:	WB: 1:1000-1:10000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3274
GenBank accession number:	BC030828
Gene ID (NCBI):	10085
Full name:	EGF-like repeats and discoidin I-like domains 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.