

PACO20880

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, IHC:1:10-1:50

Protein Background:

Non-heme iron-containing dioxygenase that catalyzes the stereo-specific peroxidation of free and esterified polyunsaturated fatty acid, generating a spectrum of bioactive lipid mediators. Converts arachidonic acid, into 12-hydroperoxyeicosatetraenoic acid, 12-HPETE and 15-hydroperoxyeicosatetraenoic acid, 15-HPETE. Also converts linoleic acid, to 13-hydroperoxyoctadecadienoic acid, May also act on (12S)-hydroperoxyeicosatetraenoic acid, (12S)-HPETE to produce hepxilin A3. Probably plays an important role in the immune and inflammatory responses. Through the oxygenation of membrane-bound phosphatidylethanolamine in macrophages may favor clearance of apoptotic cells during inflammation by resident macrophages and prevent an autoimmune response associated with the clearance of apoptotic cells by inflammatory monocytes. In parallel, may regulate actin polymerization which is crucial for several biological processes, including macrophage function.

Gene ID:

WFDC1

Uniprot

Q9HC57

Synonyms:

WAP four-disulfide core domain 1

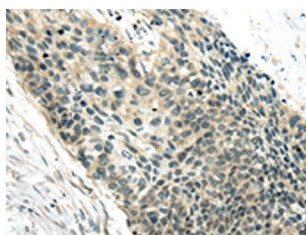
Immunogen:

Synthetic peptide of human WFDC1.

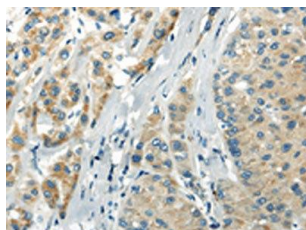
Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO20880(WFDC1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO20880(WFDC1 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).