DPPA4 Antibody

Catalog No: #47509

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

Description

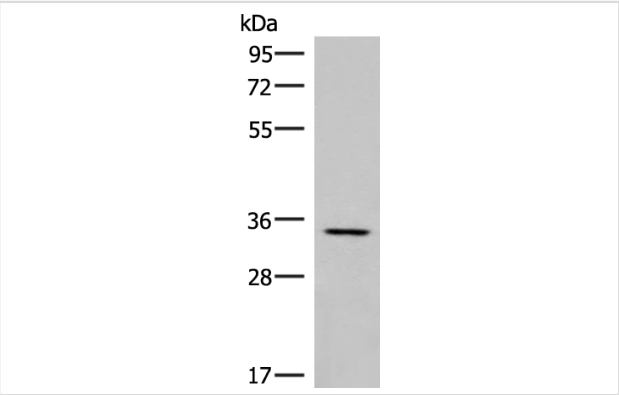
Product Name	DPPA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DPPA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human DPPA4
Target Name	DPPA4
Other Names	2410091M23Rik
Accession No.	Swiss-Prot#:Q7L190NCBI Gene ID:55211Gene Accssion:NP_060659
Calculated MW	34 kDa
Concentration	1.3
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

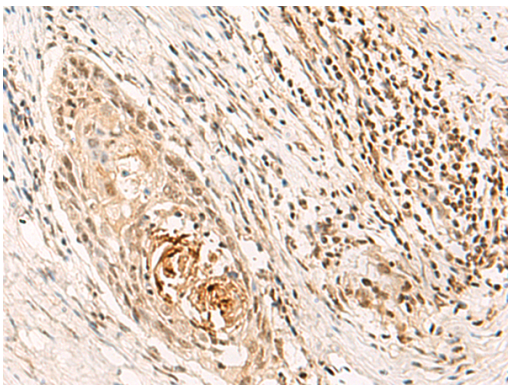
WB dilution:1:200-1000

IHC dilution:1: 40-200

Images



Gel: 8%SDS-PAGE, Lysate: 40 ΞOg, Lane: Human placenta tissue lysate, Primary antibody:47509(DPPA4 Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47509(DPPA4 Antibody) at dilution 1/45.(Original magnification: 200)

Background

This gene encodes a nuclear factor that is involved in the maintenance of pluripotency in stem cells and essential for embryogenesis. The encoded protein has a scaffold-attachment factor A/B, acinus and PIAS (SAP) domain that binds DNA and is thought to modify chromatin. Mice with a homozygous knockout of the orthologous gene die during late embryonic development or within hours after birth. Knockout embryos are normal in size at embryonic day 18.5 but exhibit skeletal and lung tissue abnormalities. This gene, when mutated, is highly expressed in embryonal carcinomas, pluripotent germ cell tumors, and other cancers and is thought to play an important role in tumor progression. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.

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