



WDR54 Rabbit Polyclonal Antibody

WDR54 Rabbit Polyclonal Antibody Catalog # AP93564

Product Information

Application WB Primary Accession Q9H977

Reactivity Human, Mouse **Host** Polyclonal, Rabbit,IgG

Clonality Polyclonal Calculated MW 35891

Additional Information

Gene ID 84058

Other Names WD repeat-containing protein 54, WDR54 (<u>HGNC:25770</u>)

Dilution WB~~1:1000

Storage Conditions -20°C

Protein Information

Name WDR54 (<u>HGNC:25770</u>)

Function Plays a role in the adhesion and fusion of the sperm-oocyte membrane

through its interactions with IZUMO1 and IZUMO1R/JUNO (By similarity). When cross-linked to form dimers and trimers, it has a regulatory effect on ERK signaling pathway activity in response to EGF stimulation. Colocalizes with

the EGF receptor in WDR54-specific vesicle where it sustains the

internalization and controls the degradation of the EGF receptor after EGF

stimulation (PubMed:30458214).

Cellular Location Vesicle. Cytoplasm {ECO:0000250 | UniProtKB:D3ZX63}. Cell membrane

{ECO:0000250|UniProtKB:D3ZX63}. Note=Aggregates in vesicles when cross-

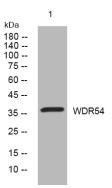
linked.

Tissue Location Expressed in epithelial cells (at protein level) (PubMed:29987896). Isoform 3

expression is highly increased in colorectal cancer cells (PubMed:29987896)

Images

primary antibody was diluted at 1:1000, 4° over night



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.