

WDR54 Rabbit Polyclonal Antibody

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Catalog # AP93564

Product Information

Application	WB
Primary Accession	Q9H977
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	35891

Additional Information

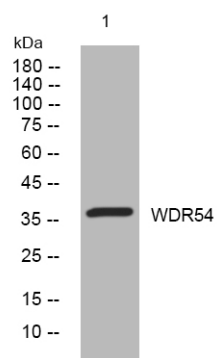
Gene ID	84058
Other Names	WD repeat-containing protein 54, WDR54 (HGNC:25770)
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

Name	WDR54 (HGNC:25770)
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

Western blot analysis of lysates from HEK293 cells,



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'.