WDR5 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_060058.1

Catalog No. A302-430A GenelD 11091

Lot No. A302-430A-1

APPLICATIONS WB, IHC

SPECIES REACTIVITY Human, Mouse, Rat

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with D. melanogaster, X.

tropicalis and Bovine

AMOUNT 100 μl

CONCENTRATION 200 μg/ml

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to WDR5 immobilized on solid support.

The epitope recognized by A302-430A maps to a region between residue 50 and 100 of human WD repeat domain 5 using the numbering given in entry NP_060058.1 (GeneID 11091).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 - 1:10,000

Immunoprecipitation Not recommended. Use rabbit anti-WDR5 antibody A302-429A.

Immunohistochemistry 1:200 - 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.

IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A302-430A

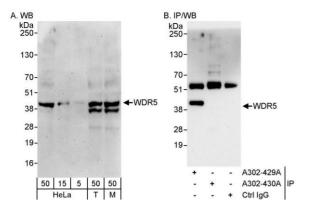
Use the link above to view SDS, a current list of citations, and other product specific information.

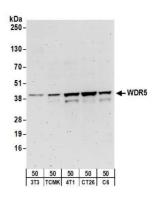
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Date: June 21, 2019



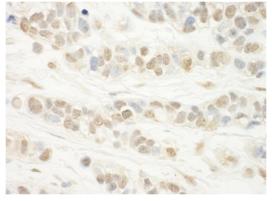
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Detection of human and mouse WDR5 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibodies: Affinity purified rabbit anti-WDR5 antibody A302-430A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 10 μ g/mg lysate. WDR5 was successfully immunoprecipitated by rabbit anti-WDR5 antibody A302-429A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).

Detection of mouse and rat WDR5 by western blot. Samples: Whole cell lysate (50 μg) from NIH 3T3, TCMK-1, 4T1, CT26.WT, and rat C6 cells. Antibodies: Affinity purified rabbit anti-WDR5 antibody A302-430A (lot A302-430A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human WDR5 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti- WDR5 (Cat. No. A302-430A Lot1) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB