

[KO Validated] UBE2O Rabbit pAb

Catalog No.: A10036 **KO Validated**

Basic Information

Observed MW

200kDa

Calculated MW

141kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

Background

Enables ubiquitin conjugating enzyme activity and ubiquitin protein ligase activity. Involved in positive regulation of BMP signaling pathway; protein ubiquitination; and retrograde transport, endosome to Golgi. Located in cytoplasm and nuclear body.

Recommended Dilutions

WB 1:1000 - 1:4000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

63893

Swiss Prot

Q9C0C9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1073-1292 of human UBE2O (NP_071349.3).

Synonyms

E2-230K; 20

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

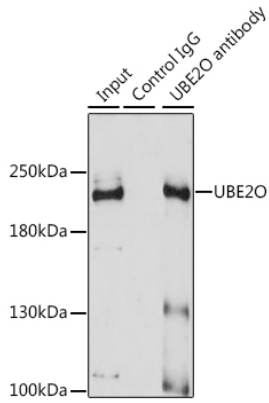
Affinity purification

Storage

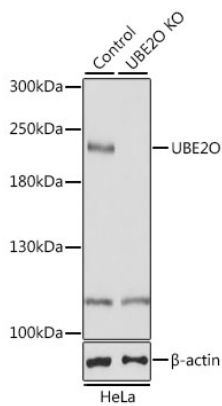
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

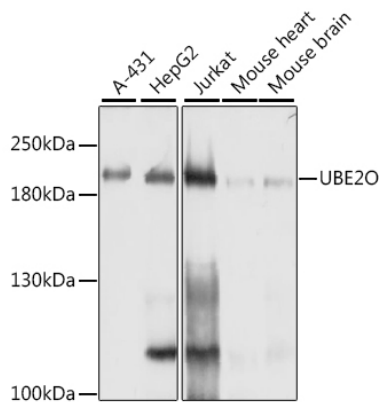
Validation Data



Immunoprecipitation analysis of 200 µg extracts of A-431 cells using 3 µg UBE2O antibody (A10036). Western blot was performed from the immunoprecipitate using UBE2O antibody (A10036) at a dilution of 1:1000.

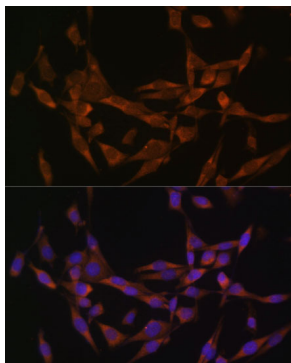


Western blot analysis of lysates from wild type (WT) and UBE2O knockout (KO) HeLa cells, using [KO Validated] UBE2O Rabbit pAb (A10036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Western blot analysis of various lysates using [KO Validated] UBE2O Rabbit pAb (A10036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

Validation Data



Immunofluorescence analysis of HeLa cells using [KO Validated] UBE2O Rabbit pAb (A10036) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.