

UBE2D4 Rabbit pAb

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Catalog # AP94047

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q7Z7E8.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human UBE2D4
Epitope Specificity	31-130/147
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ubiquitin-conjugating enzyme family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (UBE1s), ubiquitin-conjugating enzymes (UBE2s), and ubiquitin-protein ligases (UBE3s). When ubiquitin is activated by a UBE1, it is transferred to the cysteine residue on a UBE2. UBE2 then binds a UBE3, which transfers the ubiquitin from the UBE2 cysteine to a lysine residue on the target protein. Ubiquitin-conjugating enzyme E2 Q1 (UBE2Q1), also known as ubiquitin-protein ligase Q1 or ubiquitin carrier protein Q1, is an 422 amino acid protein belonging to the ubiquitin-conjugating enzyme (UBE2) family. Two named isoforms of UBE2Q1 exist as a result of alternative splicing events.

Additional Information

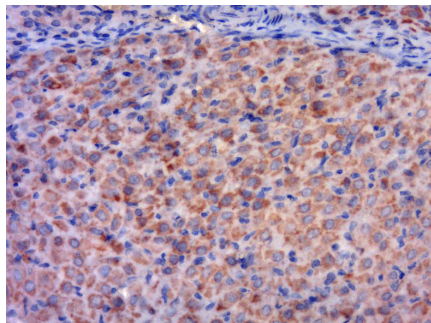
Target/Specificity	Widely expressed.
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

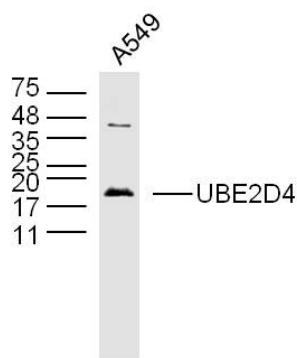
Background

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Images



Paraformaldehyde-fixed, paraffin embedded Rat ovary;
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with UBE2D4 Polyclonal Antibody, Unconjugated (AP94047) at 1:600 overnight at 4°C, DAB staining.



Sample: A549 Cell (Human) Lysate at 40 ug
Primary: Anti-UBE2D4 (AP94047) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 17 kD Observed band size: 18 kD

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