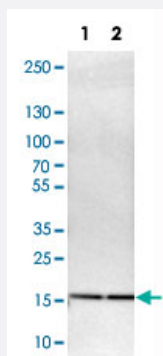


UBE2I polyclonal antibody

Catalog # PAB30654

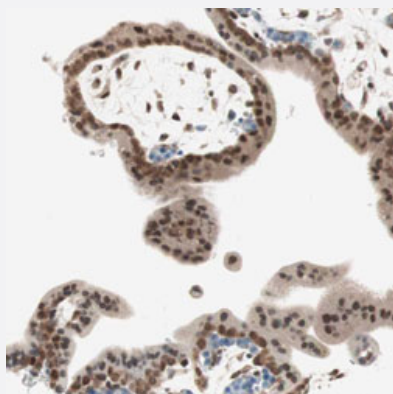
Size 100 uL

Applications



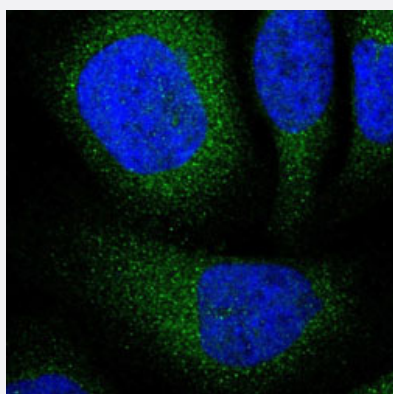
Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumor cells) with UBE2I polyclonal antibody (Cat # PAB30654).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with UBE2I polyclonal antibody (Cat # PAB30654) shows strong nuclear positivity in trophoblastic cells.



Immunofluorescence

Immunofluorescent staining of U-2 OS with UBE2I polyclonal antibody (Cat # PAB30654) (Green) shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human UBE2L.
Immunogen	Recombinant protein corresponding to human UBE2L.
Sequence	IALSRLAQERKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKD DYPSSPPKCKFEPLFHPNVYPSGTVCLSILEEDKDWRPAITIKQILLGIQELLNEPNIQDPAQAEAY TIYCQNRVEYEKRVRAQ
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumor cells) with UBE2L polyclonal antibody (Cat # PAB30654).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with UBE2L polyclonal antibody (Cat # PAB30654) shows strong nuclear positivity in trophoblastic cells.

- Immunofluorescence

Immunofluorescent staining of U-2 OS with UBE2L polyclonal antibody (Cat # PAB30654) (Green) shows positivity in cytoplasm.

Gene Info — UBE2I

Entrez GeneID [7329](#)

Protein Accession# [P63279](#)

Gene Name UBE2I

Gene Alias C358B7.1, P18, UBC9

Gene Description ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)

Omim ID [601661](#)

Gene Ontology [Hyperlink](#)

Gene Summary The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations SUMO-1-protein ligase|ubiquitin carrier protein|ubiquitin conjugating enzyme 9|ubiquitin-conjugating enzyme E2I|ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9)|ubiquitin-conjugating enzyme UbcE2A|ubiquitin-like protein SUMO-1 conjugating enzym

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)