

UBE2W Antibody

Catalog No: #43601

Package Size: #43601 100ul

Description

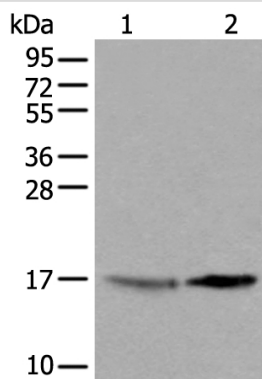
Product Name	UBE2W Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total UBE2W protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein
Conjugates	Unconjugated
Target Name	UBE2W
Other Names	UBC16; UBC-16
Accession No.	Swiss-Prot#: Q96B02NCBI Gene ID: 55284
Calculated MW	17kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-2000

Immunohistochemistry: 1: 100-250

Images



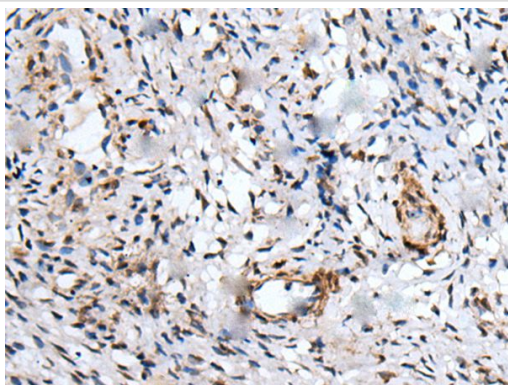
Gel: 12%SDS-PAGE

Lysate: 40 µg, Lane 1-2: 231 cell and Human cerebrum tissue lysates,

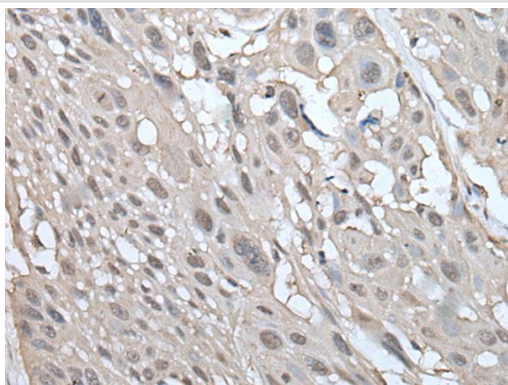
Primary antibody: UBE2W antibody at dilution 1/550,

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,

Exposure time: 4 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using UBE2W Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using UBE2W Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)

Background

This gene encodes a nuclear-localized ubiquitin-conjugating enzyme (E2) that, along with ubiquitin-activating (E1) and ligating (E3) enzymes, coordinates the addition of a ubiquitin moiety to existing proteins. The encoded protein promotes the ubiquitination of Fanconi anemia complementation group proteins and may be important in the repair of DNA damage. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants.?

Published Papers

Jia Zang;Yulin Chen;Chao Liu;Linzheng Hu;Hongxia Zhao;Wenlong Ding;Ying Yuan;Shixian Lin et al., Genetic code expansion reveals aminoacylated lysine ubiquitination mediated by UBE2W, , (2023)

[PMID:36593310](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.