

UBE2W Antibody

Catalog No: #43601



Package Size: #43601-1 50ul #43601-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

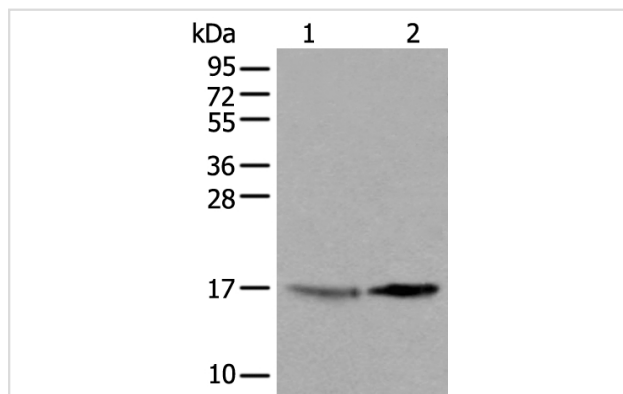
Product Name	UBE2W Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Human;Rat
Specificity	The antibody detects endogenous levels of total UBE2W protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein
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



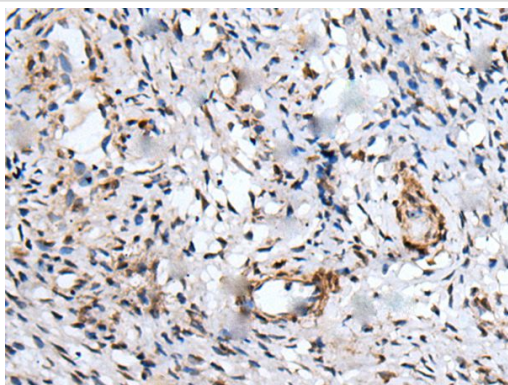
Gel: 12%SDS-PAGE

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

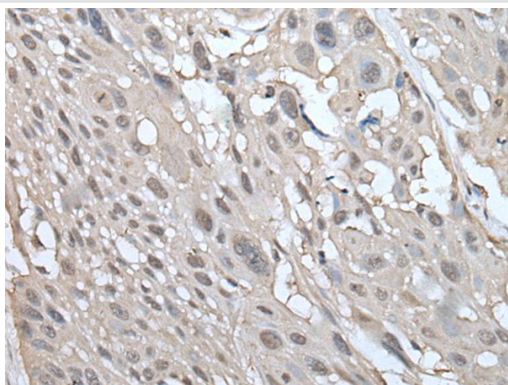
Primary antibody:UBE2W antibody at dilution 1/550,

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.