

For Research Use Only

HUWE1 Polyclonal antibody

Catalog Number: 19430-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

19430-1-AP

Concentration:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13763

GenBank Accession Number:

BC002602

GeneID (NCBI):

10075

UNIPROT ID:

Q7Z6Z7

Full Name:

HECT, UBA and WWE domain
containing 1

Calculated MW:

437 aa, 482 kDa

Observed MW:

482 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : Daudi cells, HEK-293 cells

IHC : human lung cancer tissue, human lung tissue,
human colon cancer tissue

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Background Information

HUWE1 encodes a HECT domain ubiquitin ligase which is a large protein (500 kDa) has attracted considerable interest because several and quite disparate substrates have been assigned to this E3. It has a role in regulating Berg-mann glia differentiation and this ubiquitin ligase orchestrates the programming of the neural progenitors that give rise to neurons and glia in the cerebellum. HUWE1 is essential for proliferation of a subset of tumor cells, and negative regulator of TP53 during the colorectal carcinoma progression through the ubiquitination pathway mediated by the HECT domain (PMID:15567145). HUWE1 plays a critical role in lung cancer and increased HUWE1 expression is significantly associated with worse prognosis which suggest that HUWE1 might be a potential target for lung cancer therapy (PMID: 30026863).

Notable Publications

Author	Pubmed ID	Journal	Application
Patricia Wilson	34553755	J Cell Sci	WB,IP
Hui You	28137758	J Cell Sci	WB
Qian Zhu	32017279	FASEB J	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

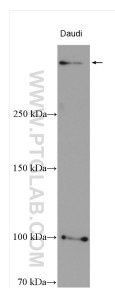
T: 4006900926

E: Proteintech-CN@ptglab.com

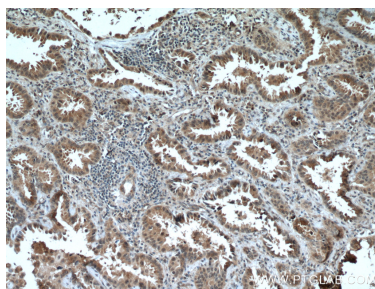
W: ptgcn.com

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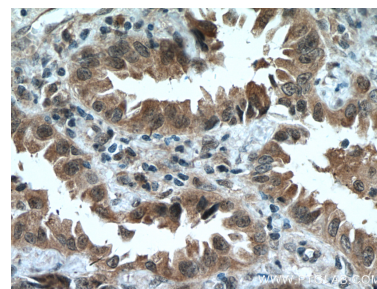
Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 19430-1-AP (HUWE1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 19430-1-AP (HUWE1 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 19430-1-AP (HUWE1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).