VCP (A346) polyclonal antibody

Catalog: BS3773 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Valosin-containing protein (VCP or p97) belongs to the AAA (ATPase associated activities) family and acts as a molecular chaperone to a wide variety of cellular activities. Some of these activities include the alteration of both nuclear and mitotic golgi membranes, ubiquitin-proteasome dependent protein degradation, regulation of the NF-kappa b pathway, and extraction of membrane proteins. VCP has been shown to contain a substrate binding domain (N) and two conserved ATPase domains (D1 and D2). The three dimensional structure of VCP resembles that of a cylinder with the D1 and D2 stacked upon one another in a homo-hexameric ring formation. VCP is involved in the formation of neuronal inclusion bodies in neurodegenerative disease such as Parkinson's Disease.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 88 kDa

Swiss-Prot:

P55072

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

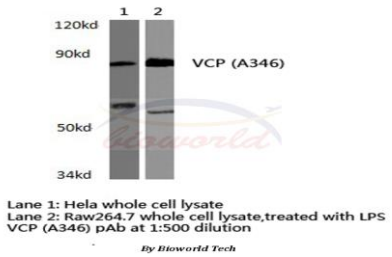
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

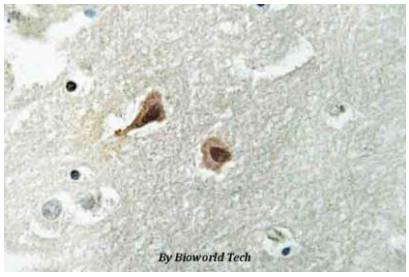
Specificity:

VCP (A346) polyclonal antibody detects endogenous levels of VCP protein.

DATA:



Western blot (WB) analysis of VCP (A346) polyclonal antibody in extracts from Hela cells and Raw264.7 cells treated with LPS.



Immunohistochemistry (IHC) analyzes of VCP (A346) pAb in paraffin-embedded human brain tissue.

Note:

For research use only, not for use in diagnostic procedure.

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