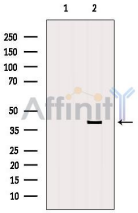
# COPS5 Ab

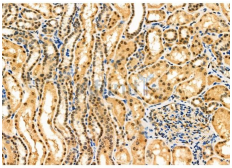
References(1) Images(5)

| | | |
|---|---|---|
| Cat.#: DF6602 | Concn.: ~1mg/ml | Mol.Wt.: 37kDa |
| Size: | Source: Rabbit | Clonality: Polyclonal |

| | |
|---|---|
| Application: | WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500<br>*The optimal dilutions should be determined by the end user. |
| Reactivity: | Human,Mouse,Rat |
| Storage: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |
| Immunogen: | A synthesized peptide derived from human COPS5, corresponding to a region within the internal amino acids. |
| Uniprot: | Q92905 |
| Description: | The COP9 Signalosome (CSN) is a ubiquitously expressed multiprotein complex that is involved in a vast array of cellular and developmental processes, which is thought to be attributed to its control over the ubiquitin-proteasome pathway. Typically, the CSN is composed of eight highly conserved subunits (CSN1-CSN8), each of which is homologous to one of the eight subunits that form the lid of the 26S proteasome particle, suggesting that these complexes have a common evolutionary ancestor . CSN was first identified in Arabidopsis thaliana mutants with a light-grown seedling phenotype when grown in the dark (2-4). |




Western blot analysis of extracts from B16F10, using COPS5 Ab. The lane on the left was treated with blocking peptide.



DF6602 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

*IMPORTANT:* For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.