CEP290 (F812) polyclonal antibody

Catalog: BCP00487 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

CEP290 activates ATF4 mediated transcription and is required for the correct localization of ciliary and phototransduction proteins in retinal photoreceptor cells; may play a role in ciliary transport processes. CEP290 is ubiquitously expressed; strongly in placenta and weakly in brain. There are two named isoforms. Defects in CEP290 are a cause of Joubert syndrome type 5 (JBTS5), Senior-Loken syndrome type 6 (SLSN6), Leber congenital amaurosis type 10 (LCA10) and Meckel syndrome type 4 (MKS4). Antibodies against CEP290 are present in sera from patients with cutaneous T cell lymphomas, but not in the healthy control population.

Product:

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

Molecular Weight:

~ 290 kDa

Swiss-Prot:

O15078

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

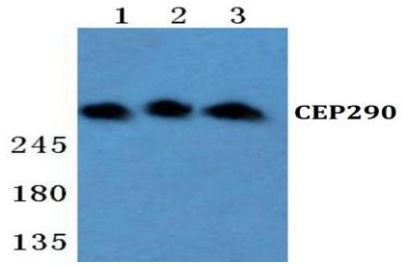
Storage&Stability:

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

Specificity:

CEP290 (F812) polyclonal antibody detects endogenous levels of CEP290 protein.

DATA:



Western blot (WB) analysis of CEP290 (F812) polyclonal antibody at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

Lane3:COS-7 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)

Lane5:CT26 whole cell lysate(40ug)

Lane6:AML-12 whole cell lysate(40ug)

Lane7:PC12 whole cell lysate(40ug)

Note:

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