

Product: Rabbit Anti-Acetyl K413 IDH2, affinity purified, react with Isocitrate Dehydrogenase 2 (IDH2) acetylated lysine (K413) from various species including human, mouse, rat etc.

Catalog Number: AC0004

Lot Number: 10120

Size: 0.1ml affinity purified Abs, 0.5mg/ml in PBS with 0.02% Na Azide

Immunogen: IDH2 acetyl-K peptide SGAMTK_(Ac)DLAGC.

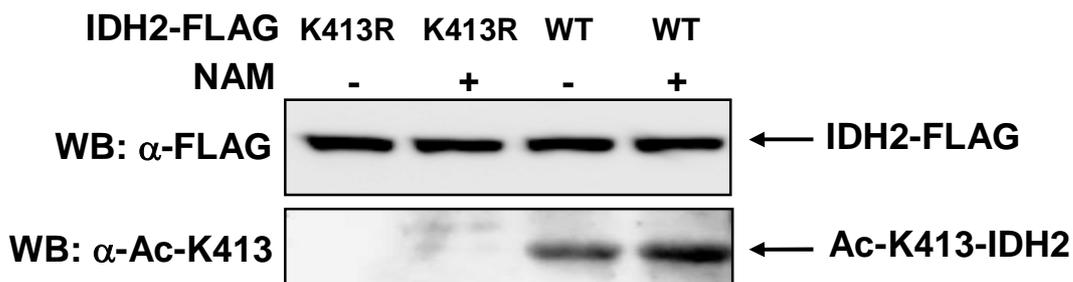
Specification: AC0004 binds to acetyl K413 IDH2 protein in Western Blot analysis. The antibody does not bind to non-acetylated IDH2.

Suggested Usage: The product can be used at 1:1,000 to 1:5,000 for immunoblot testing. The product can be used in ELISA, Western Blot and other immuno-assays User needs to optimize the concentrations in assay. The product can be used in combination with GeneTel's anti-rabbit IgG conjugates such as GRHRP (anti-IgG HRP) and DRAP (anti-IgG AP) Western Blot analysis.

Short Term Storage: 2-8°C for one week.

Long Term Storage: -20°C as an undiluted liquid for up to two year.

Please feel free to call us if you have any question regarding to this product or any other GeneTel's product.



Western Blot analysis of AC0004 shows that the Abs reacts with Acetylated K413-IDH2 (Yu et al, JBC, in press, 2012). HEK293 cells were co-transfected with pcDNA3-IDH2-FLAG and pcDNA3-IDH2K413R. IDH2 proteins were immunoprecipitated using FLAG-beads. Acetylated K413 IDH2 was detected in wild type but not in transfected K413R, the lysine substituted with arginine and the acetylation levels is increased with the glucose treatment.