

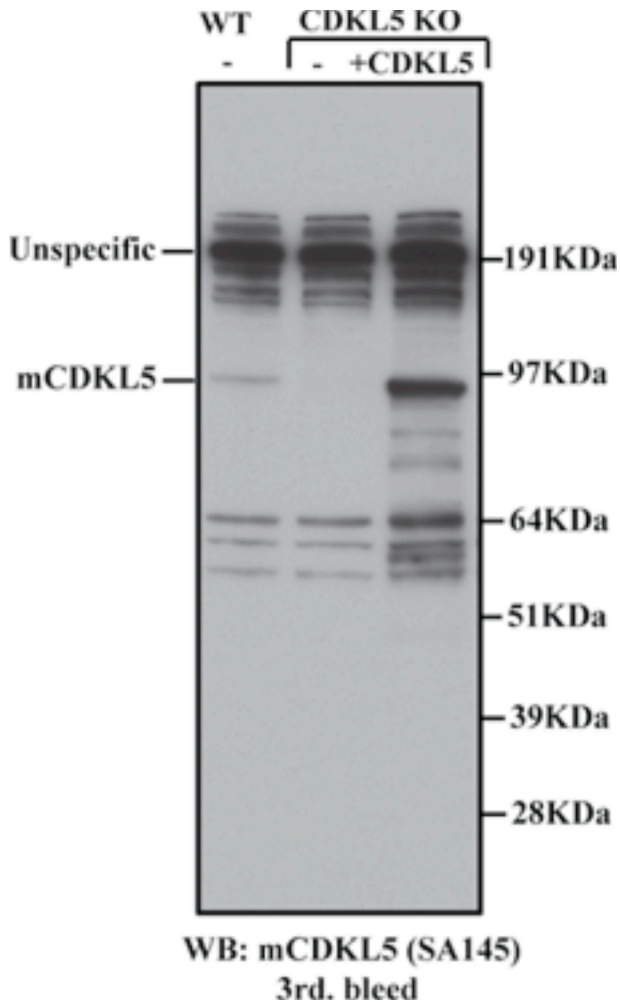
Antibody Datasheet

Product description:- Anti-CDKL5 (350 – 650 mouse)
Antigen:- GST-CDKL5 (350 – 650 mouse) [DU 53266]
Sheep Number:- S957D
Formulation:- Phosphate Buffered Saline
Storage temperature:- -20 °C
Purification Method:- Affinity purified against recombinant protein MBP-CDKL5 (350 - 650) [DU 53361]

Working Concentration:-
For immunoblotting use 0.25 ug/ml 3rd bleed
For immunoprecipitation use 0.25 ug antibody per 1 mg of cell extract

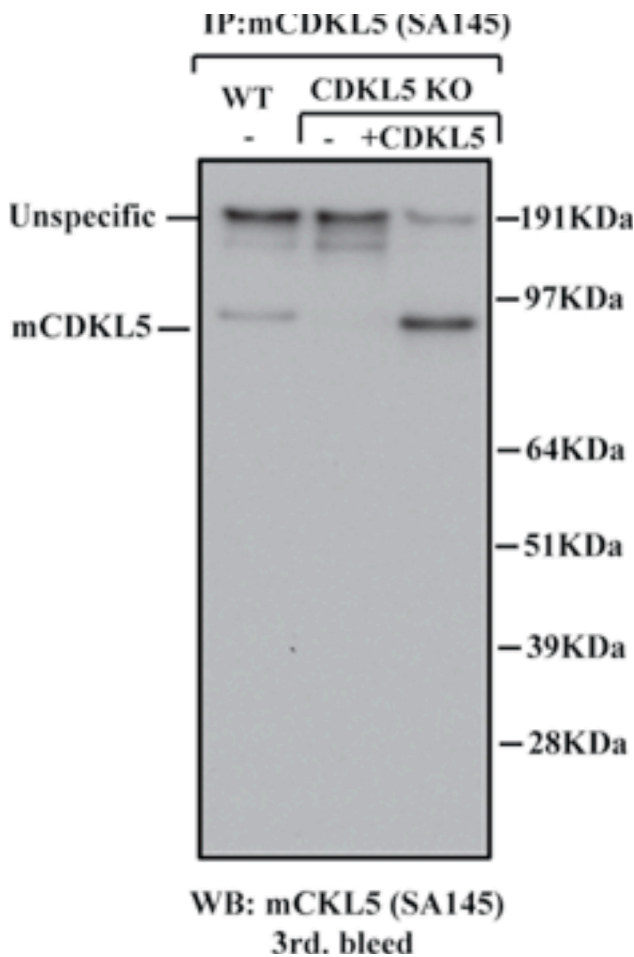
Immunoblotting:

Mouse Embryo Fibroblasts (MEF) extract
Concentration used: 0.25 micrograms/ml, 1h, antibodies diluted in milk 5%TBS-T



Immunoblotting using the mouse CDKL5 (SA145) antibody.
 30 micrograms of lysate from either WT, CDKL5 KO or CDKL5 KO re-expressing CDKL5 mouse embryonic fibroblasts (MEF) were resolved in a 4-12% Bis-Tris gel and incubated with 0.25 micrograms/ml of antibody for 1 hour at room temperature. Secondary proteinG-HRP (Abcam, ab7460) was incubated 1:2500 for 1h at room temperature

Immunoprecipitation:



Immunoprecipitation using mouse CDKL5 (SA145) antibody.
 Lysates (1 milligram) from either WT, CDKL5 KO or CDKL5 KO re-expressing CDKL5 mouse embryonic fibroblasts (MEF) were incubated with 0.25 micrograms of the SA145 mouse antibody. Samples were resolved in a 4-12% Bis-Tris gel and incubated with the 0.25 micrograms/ml of antibody for 1 hour at room temperature. Secondary protein G-HRP (Abcam, ab7460) was incubated 1:2500 for 1h at room temperature

If used at higher concentrations (greater than 0.25 ug) for immunoprecipitation it may pull down a band of roughly the same weight as CDKL5 even in lysates from KO cells (seen in mouse embryo fibroblasts and in brain lysates).