



## CDKL5 (human)

Full Name:

**CDKL5 (350 - 650 human)**

Immuno Sequence:

**GST-CDKL5 (350 - 650) [DU 50406]**

Sheep No:

**S957D**

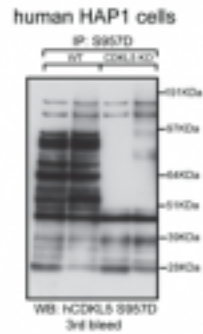
Monoclonal/Polyclonal:

**Polyclonal**

Gel Image:

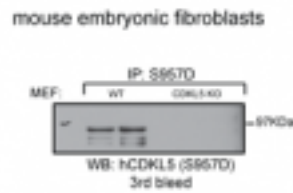
## Human anti-CDKL5 antibody (S957D)

### 1. immunoprecipitation followed by western blotting



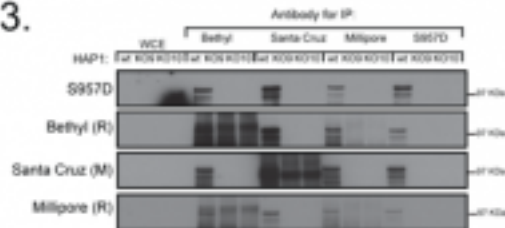
Immunoprecipitation using the human CDKL5 (S957D) antibody. 2 milligrams of cell lysate from either wild type (WT) or CDKL5 knockout human HAP1 cells generated by CRISPR/CAS9-mediated genome editing were subjected to immunoprecipitation with 2 micrograms of CDKL5 antibody. Samples were resolved in a 4-12% Bis-Tris gel and incubated with the 0.5 micrograms/ml of antibody for 1 hour at room temperature. Secondary proteinG-HRP (Abcam, ab7460) was incubated 1:5000 for 1h at room temperature.

### 2. Immunoprecipitation followed by western blotting



Immunoprecipitation from MEF extracts using the human CDKL5 (S957D) antibody. 1 milligram of cell lysate from either wild type (WT) or two CDKL5 KO mouse embryonic fibroblasts (MEF) were subjected to immunoprecipitation with 2 micrograms of the anti-human CDKL5 human antibody (S957D). Samples were resolved in a 4-12% Bis-Tris gel and incubated with the 0.5 micrograms/ml of antibody for 1 hour at room temperature. Secondary proteinG-HRP (Abcam, ab7460) was incubated 1:2500 for 1h at room temperature.

### 3.



Comparison between the human CDKL5 (S957D) antibody and other available commercial antibodies against CDKL5. 2 milligrams of lysate from either WT human haploid (HAP1) or two different CDKL5 KO cell lines were incubated with 2 mg of different commercial antibodies against CDKL5.

Date Added:  
**August 2015**

Price per aliquot (100µg):  
**£110.00**