

For Research Use Only

# KCNH7 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83674-1-PBS

## Basic Information

<b>Catalog Number:</b> 83674-1-PBS	<b>GenBank Accession Number:</b> BC035815	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 90134	<b>CloneNo.:</b> 240644B5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NS40	
<b>Isotype:</b> IgG	<b>Full Name:</b> potassium voltage-gated channel, subfamily H (eag-related), member 7	
<b>Immunogen Catalog Number:</b> AG4532	<b>Calculated MW:</b> 1196 aa, 135 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

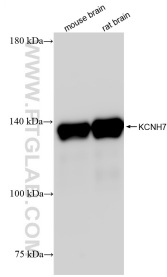
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

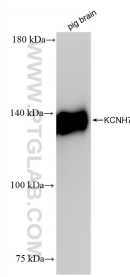
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

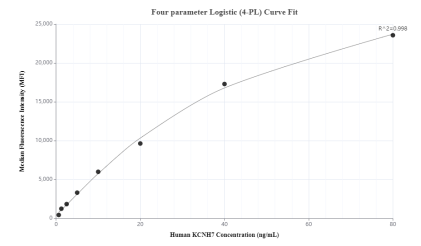
## Selected Validation Data



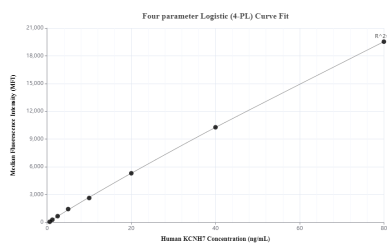
Various lysates were subjected to SDS PAGE followed by western blot with 83674-1-RR (KCNH7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83674-1-PBS in a different storage buffer formulation.



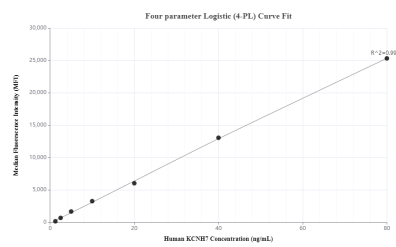
pig brain tissue were subjected to SDS PAGE followed by western blot with 83674-1-RR (KCNH7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83674-1-PBS in a different storage buffer formulation.



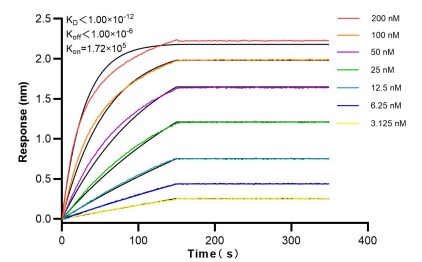
Cytometric bead array standard curve of MP00649-1, KCNH7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83674-1-PBS. Detection antibody: 83674-2-PBS. Standard: Ag4532. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00649-2, KCNH7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83674-4-PBS. Detection antibody: 83674-1-PBS. Standard: Ag4532. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00649-3, KCNH7 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83674-3-PBS. Standard: Ag4532. Range: 1.25-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 83674-1-RR against Human KCNH7 were performed. The affinity constant is below 1 pM.