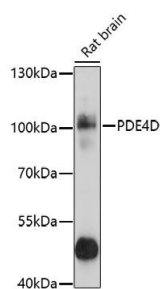


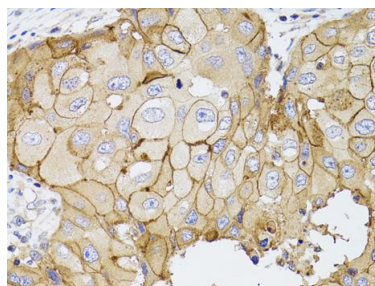
<b>Cat. No:</b>	AB-83940
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 249-518 of human PDE4D
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 -1:100
<b>Molecular Weight:</b>	91kDa, 105kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	PDE4D; ACRDYS2; DPDE3; HSPDE4D; PDE43; PDE4DN2 ; STRK1; phosphodiesterase 4D
<b>Background:</b>	This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3',5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



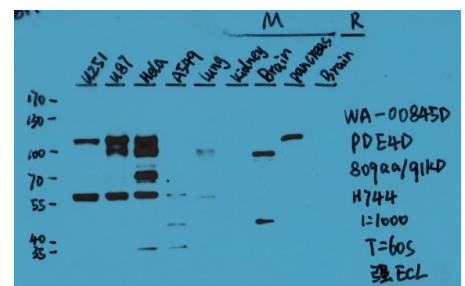
Western blot analysis of extracts of rat brain, using PDE4D antibody at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.

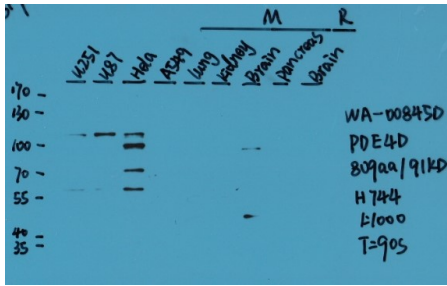
Detection: ECL Basic Kit  
Exposure time: 5s.



Immunohistochemistry of paraffin-embedded human breast cancer using PDE4D antibody at dilution of 1:100 (40x lens).



WB strong expose, strong ECL



WB weak expose