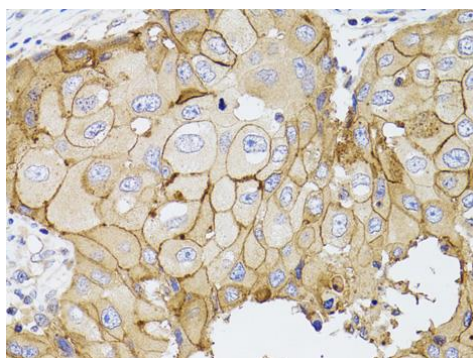


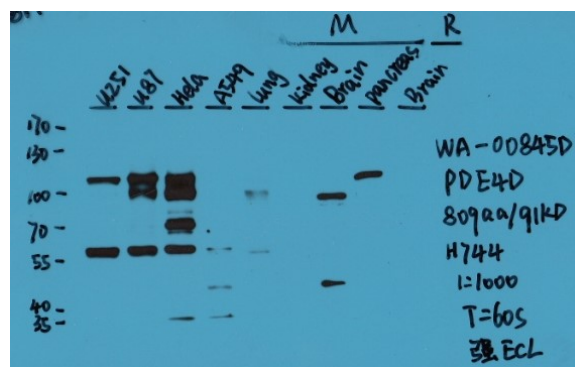
Product name:	PDE4D
Cat number:	AB-83940
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 249-518 of human PDE4D
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:500 -1:1000 Immunohistochemistry: 1:50 -1:100
Molecular Weight:	91kDa, 105kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	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.



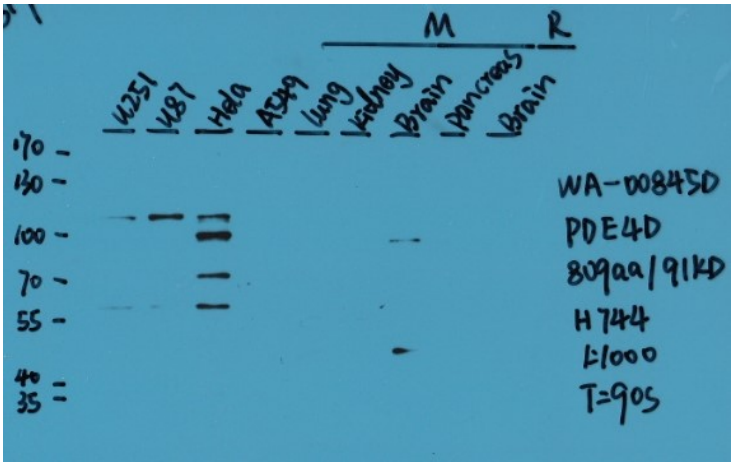
Western blot analysis of extracts of rat brain, using PDE4D antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 5s.



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