

## PDE4D antibody

### Product Information

Catalog No.:	FNab06255
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated 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.

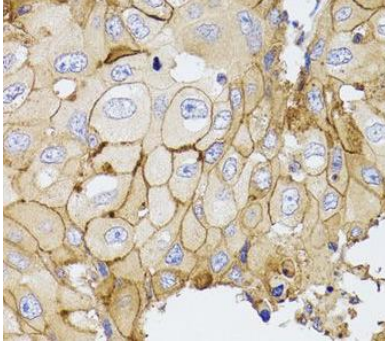
### Immunogen information

Immunogen:	phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 <i>dunce</i> homolog, <i>Drosophila</i> )
Synonyms:	3',5'-cyclic-AMP phosphodiesterase 4D DPDE3 PDE43 cAMP-specific phosphodiesterase 4D PDE4D DPDE3
Observed MW:	91 kDa, 105 kDa
Uniprot ID :	Q08499

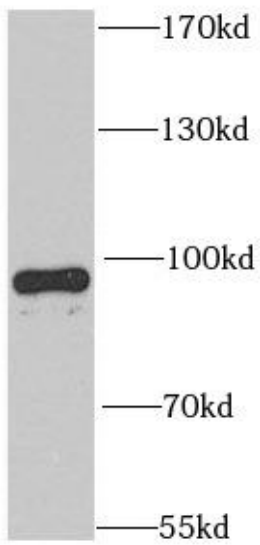
### Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab06255(PDE4D antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab06255(PED4D antibody) at dilution of 1:1000