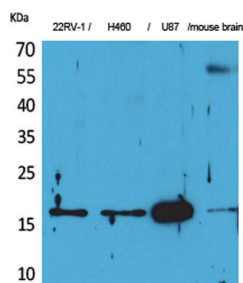
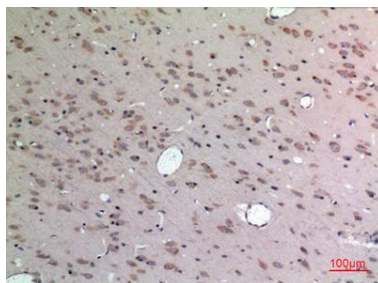


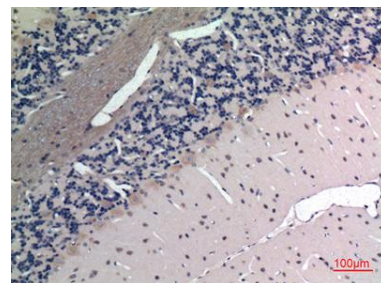
Cat. No:	AB-E3923
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the C-terminal region of human APLN. AA range:28-77
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1/500 - 1/2000 Immunohistochemistry(paraffin-embedded tissues): 1:100-300
Molecular Weight:	16kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Synonyms:	APLN; APEL; Apelin; APJ endogenous ligand
Background:	This gene encodes a peptide that functions as an endogenous ligand for the G-protein coupled apelin receptor. The encoded preproprotein is proteolytically processed into biologically active C-terminal peptide fragments. These peptide fragments activate different tissue specific signaling pathways that regulate diverse biological functions including fluid homeostasis, cardiovascular function and insulin secretion. This protein also functions as a coreceptor for the human immunodeficiency virus 1.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.



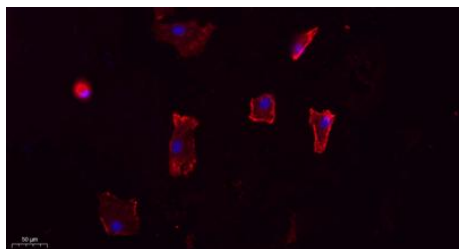
Western Blot analysis of 22RV-1, H460, U87, mouse brain cells using Apelin Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunofluorescence analysis of A549.
1,primary Antibody(red) was diluted at
1:200(4°C overnight). 2, Goat Anti
Rabbit IgG (H&L) – Alexa Fluor 594
Secondary
antibody was diluted at 1:1000(room
temperature, 50min).3, Picture B:
DAPI(blue) 10min.

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