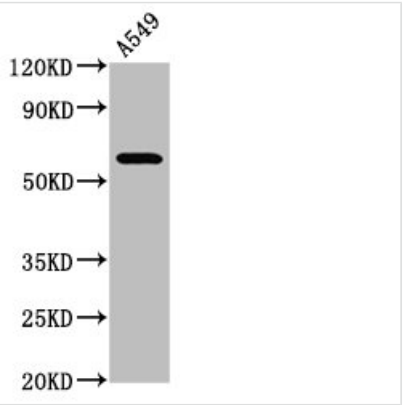
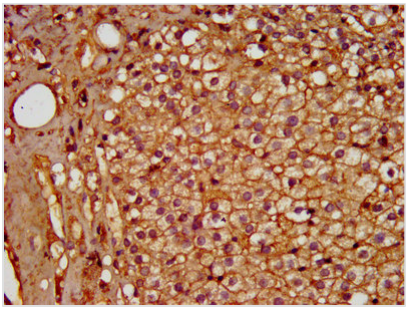
PDE9A Antibody

Product Code	CSB-PA527985LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O76083
Immunogen	Recombinant Human High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A protein (426-533AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A (EC 3.1.4.35), PDE9A
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	PDE9A

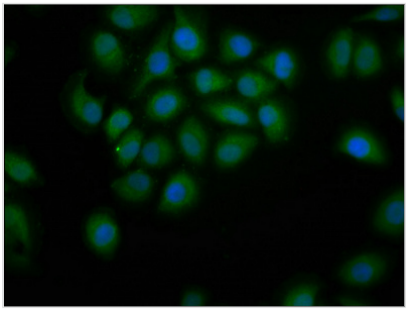
Image



Western Blot
Positive WB detected in: A549 whole cell lysate
All lanes: PDE9A antibody at 3.9µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 69, 62, 55, 63, 58, 46, 59, 51, 45, 54, 65, 66, 57 kDa
Observed band size: 69 kDa



IHC image of CSB-PA527985LA01HU diluted at 1:600 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of A549 cells with CSB-PA527985LA01HU at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).