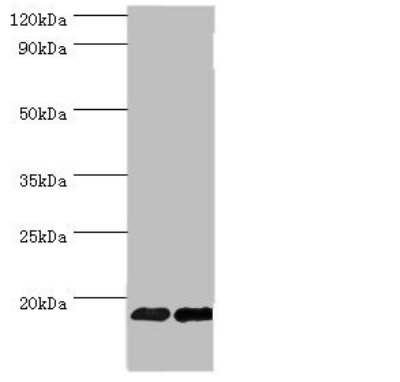
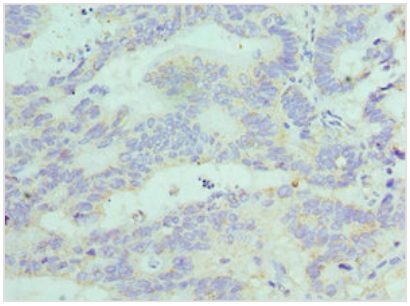
FGF1 Antibody

Product Code	CSB-PA008615ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P05230
Immunogen	Recombinant Human Fibroblast growth factor 1 protein (16-155AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:500, IF:1:50-1:200
Relevance	Plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. Functions as potent mitogen in vitro.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Fibroblast growth factor 1 (FGF-1) (Acidic fibroblast growth factor) (aFGF) (Endothelial cell growth factor) (ECGF) (Heparin-binding growth factor 1) (HBGF-1), FGF1, FGFA
Species	Human
Research Area	Cardiovascular
Target Names	FGF1

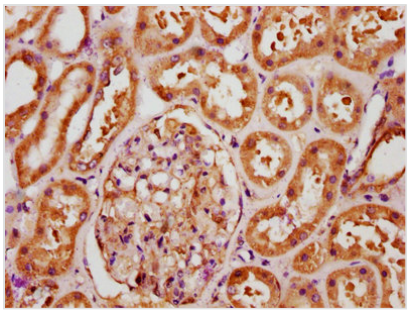
Image



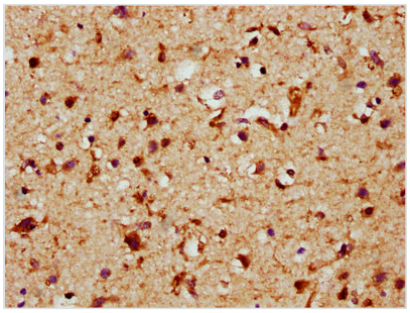
Western blot
All lanes: Fibroblast growth factor 1 antibody at 6μg/ml
Lane 1: Mouse kidney tissue
Lane 2: Mouse heart tissue
Secondary
Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 18, 7 kDa
Observed band size: 18 kDa



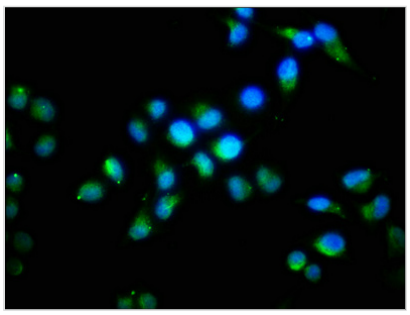
Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA008615ESR1HU at dilution of 1:100



IHC image of CSB-PA008615ESR1HU diluted at 1:289 and staining in paraffin-embedded human kidney 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.



IHC image of CSB-PA008615ESR1HU diluted at 1:289 and staining in paraffin-embedded human brain 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 Hela cells with CSB-PA008615ESR1HU at 1:96, 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).