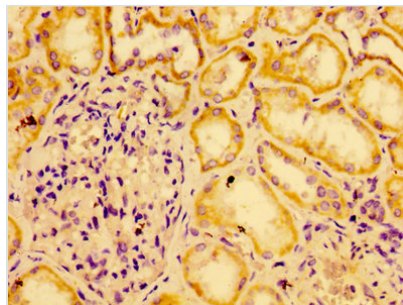




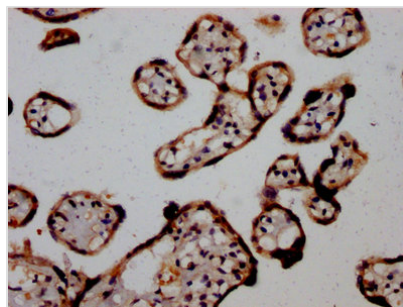
AGO2 Antibody

Product Code	CSB-PA891731LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UKV8
Immunogen	Recombinant Human Protein argonaute-2 protein (517-818AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, ChIP; Recommended dilution: WB:1:1000-1:5000, IHC:1:100-1:1500
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	Protein argonaute-2 (Argonaute2) (hAgo2) (EC 3.1.26.n2) (Argonaute RISC catalytic component 2) (Eukaryotic translation initiation factor 2C 2) (eIF-2C 2) (eIF2C 2) (PAZ Piwi domain protein) (PPD) (Protein slicer), AGO2, EIF2C2
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	AGO2

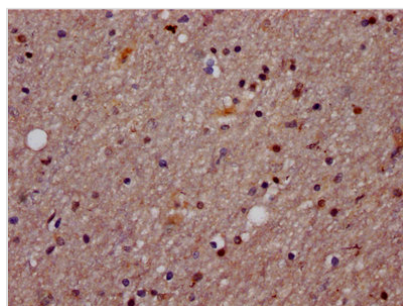
Image



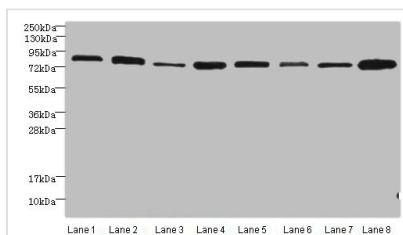
Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA891731LA01HU at dilution of 1:100



IHC image of CSB-PA891731LA01HU diluted at 1:1200 and staining in paraffin-embedded human placenta 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-PA891731LA01HU diluted at 1:1200 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.



Western blot

All lanes: Protein argonaute-2 antibody at 2μg/ml

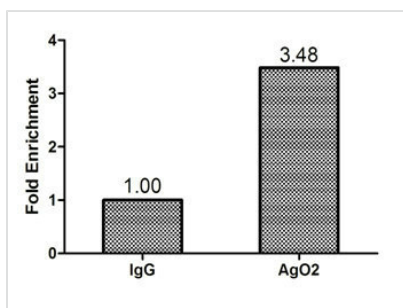
Lane 1: A549 whole cell lysate
 Lane 2: Jurkats whole cell lysate
 Lane 3: MCF-7 whole cell lysate
 Lane 4: HepG2 whole cell lysate
 Lane 5: Raw264.7 whole cell lysate
 Lane 6: K562 whole cell lysate
 Lane 7: Mouse liver tissue
 Lane 8: Mouse kidney tissue

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 98, 94 kDa

Observed band size: 94 kDa



Chromatin Immunoprecipitation Hela (1.1×10^6) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4μg anti-AgO2 or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers (CSB-PP891731HU) against the SLC1A5 promoter.