



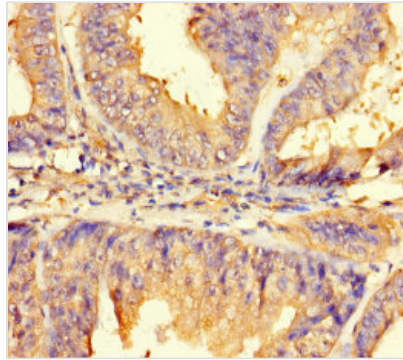
IMPACT Antibody

Product Code	CSB-PA889191LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9P2X3
Immunogen	Recombinant Human Protein IMPACT protein (41-320AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200
Relevance	Translational regulator that ensures constant high levels of translation under amino acid starvation. Acts by interacting with GCN1/GCN1L1, thereby preventing activation of GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis. May be required to regulate translation in specific neuronal cells under amino acid starvation conditions by preventing GCN2 activation and therefore ATF4 synthesis. Through its action on GCN2, may also facilitate neuritogenesis.
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 IMPACT (Imprinted and ancient gene protein homolog), IMPACT
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	IMPACT

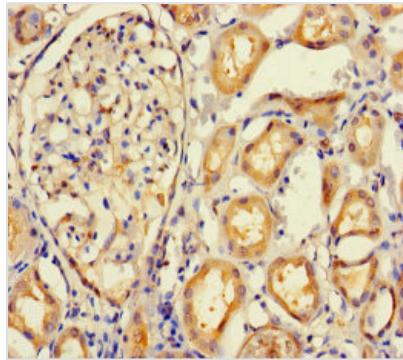
Image



Western blot
 All lanes: IMPACT antibody at 10µg/ml
 Lane 1: Hela whole cell lysate
 Lane 2: HL60 whole cell lysate
 Secondary
 Goat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size: 37, 23 kDa
 Observed band size: 37, 52 kDa



Immunohistochemistry of paraffin-embedded human endometrial cancer using CSB-PA889191LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA889191LA01HU at dilution of 1:100