

EID2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55273

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8N6I1
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25190

Additional Information

Gene ID	163126
Other Names	EP300-interacting inhibitor of differentiation 2, EID-2, CREBBP/EP300 inhibitor 2, EID-1-like inhibitor of differentiation 2, EID2 {ECO:0000312 EMBL:AAH30137.3}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EID2 {ECO:0000312 EMBL:AAH30137.3}
Function	Interacts with EP300 and acts as a repressor of MYOD- dependent transcription and muscle differentiation. Inhibits EP300 histone acetyltransferase activity. Acts as a repressor of TGFB/SMAD transcriptional responses. May act as a repressor of the TGFB/SMAD3- dependent signaling by selectively blocking formation of TGFB-induced SMAD3-SMAD4 complex.
Cellular Location	Nucleus.
Tissue Location	Most abundantly expressed in placenta. Highly expressed in liver, brain, heart, skeletal muscle, and kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.