Anti-TEF1/TEAD-1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P107088

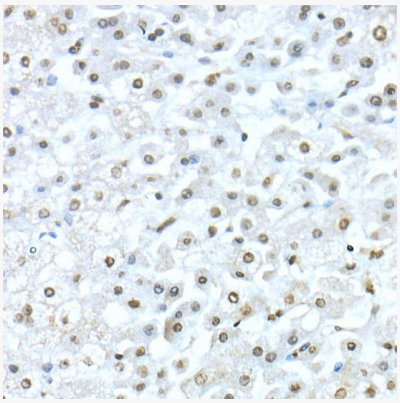
Product Information

Application	WB, IHC-P, IF (Cell)/ICC, IP, ELISA, ChIP
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1000~1:5000; IHC-P 1:50~1:200; IF 1:50~1:200; IP 0.5μg-4μg antibody for 400μg-600μg extracts of whole cellsChIP 5μg antibody for 10μg-15μg of Chromatin
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 135-215 of human TEAD1 (NP_068780.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TEF1/TEAD-1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

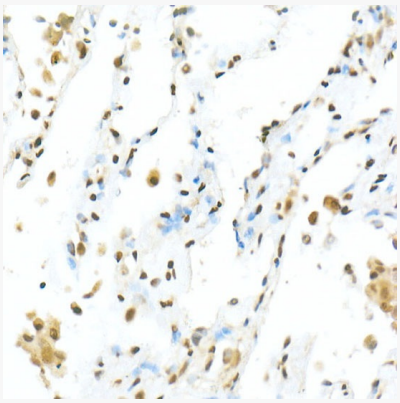
Protein Information

Synonyms	AA; REF1; TCF13; TEF-1; NTEF-1; TCF-13; TEAD-1; TEAD1.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 60 kDa/50 kDa
Uniprot ID	P28347
Gene ID	7003
Background	This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal atrophy. Additional transcript variants have been described but their full-length natures have not been experimentally verified.

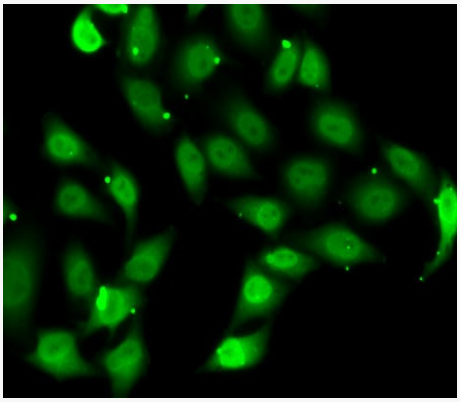
Validation Images



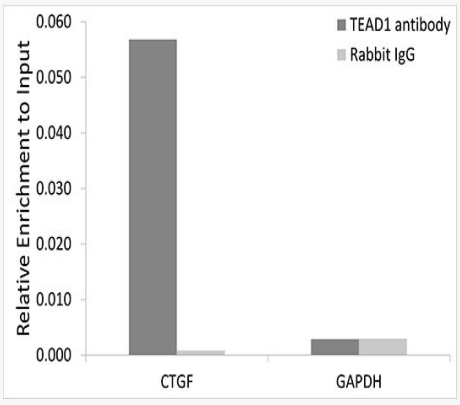
Immunohistochemistry analysis of paraffin-embedded Human liver using TEAD1 Rabbit pAb (P107088) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



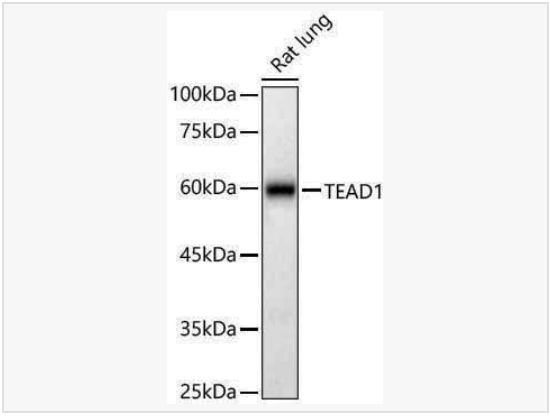
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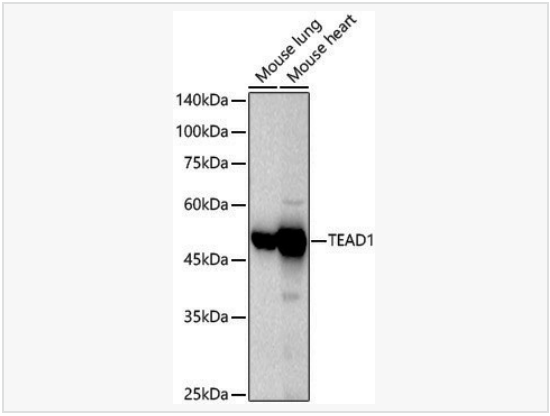
Immunofluorescence analysis of MCF7 cells using TEAD1 Rabbit pAb (P107088).Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution.



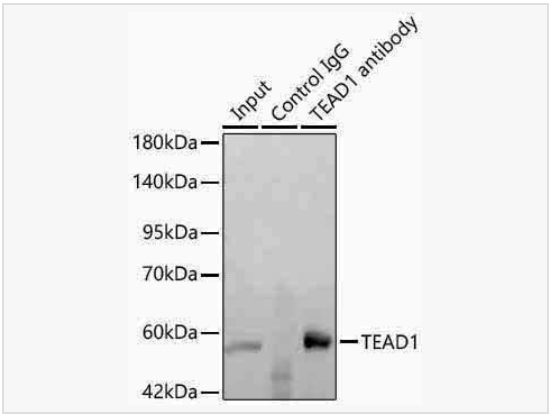
Chromatin immunoprecipitation analysis of extracts of HeLa cells, using TEAD1 antibody (P107088) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western blot analysis of lysates from Rat lung using TEAD1 Rabbit pAb (P107088) at 1:2,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time:90s.



Western blot analysis of various lysates using TEAD1 Rabbit pAb (P107088) at 1:700 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 28s.



Immunoprecipitation of TEAD1 in 600 µg extracts from mouse heart using 3 µg TEAD1 Rabbit pAb (P107088). Western blot analysis was performed using TEAD1 Rabbit pAb (P107088) at 1:200 dilution.