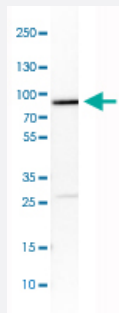


TF polyclonal antibody

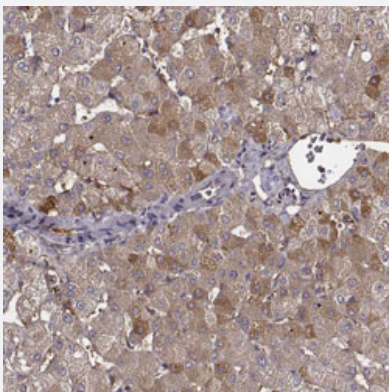
Catalog # PAB31367 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with TF polyclonal antibody (Cat # PAB31367).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with TF polyclonal antibody (Cat # PAB31367) shows moderate cytoplasmic positivity in hepatocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TF.
Immunogen	Recombinant protein corresponding to human TF.
Sequence	KDLLFKDSAHGFLKVPPRMDAKMYLGYEYVTAIRNLREGTCPEAPTDECKPVKWCALSHHERLK CDEWSVNSVGKIECVSAETTEDCIAKIMNGEADAMSLDGGFVYAGKCGLVPVLAENYNKSDNCE DTPEAG
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with TF polyclonal antibody (Cat # PAB31367).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with TF polyclonal antibody (Cat # PAB31367) shows moderate cytoplasmic positivity in hepatocytes.

Gene Info — TF

Entrez GeneID	7018
Protein Accession#	P02787
Gene Name	TF
Gene Alias	DKFZp781D0156, PRO1557, PRO2086
Gene Description	transferrin
Omim ID	190000 209300
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/ pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model.](#)

Kato BS, Nicholson G, Neiman M, Rantalainen M, Holmes CC, Barrett A, Uhlén M, Nilsson P, Spector TD, Schwenk JM. Proteome Science 2011 Nov; 9:73.

Application: Array, Recombinant protein

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Anoxia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)

- [Colitis](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Iron Metabolism Disorders](#)
- [Iron Overload](#)
- [Ischemia](#)
- [Liver Cirrhosis](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neurodegenerative Diseases](#)
- [Osteonecrosis](#)
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- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)
- [Schizophrenia](#)
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- [Tobacco Use Disorder](#)

- [Tuberculosis](#)