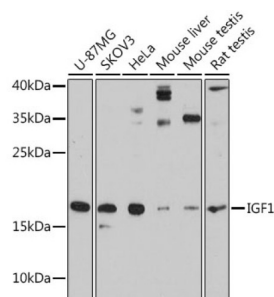
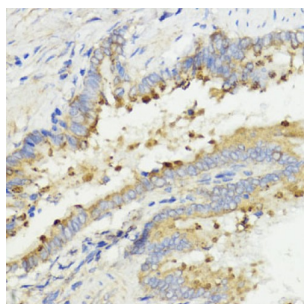


Insulin-Like Growth Factor I (IGF1) Antibody

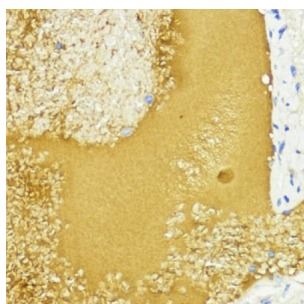
Catalogue No.: abx000680



Western blot analysis of various lysates using IGF1 Antibody at 1/3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat lung using IGF1 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using IGF1 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.

Insulin Like Growth Factor 1 (IGF1) Antibody is a Rabbit Polyclonal antibody against Insulin Like Growth Factor 1 (IGF1). Insulin Like Growth Factor 1 (IGF1), also named as IBP1, MGF, IGF-IA and Somatomedin-C, belongs to the insulin family. Insulin Like Growth Factor 1 (IGF1) is structurally and functionally related to insulin but have a much higher growth-promoting activity. Altered expression or mutation of Insulin Like Growth Factor 1 (IGF1) is associated with several human disorders, including type I diabetes and various forms of cancer. Defects in Insulin Like Growth Factor 1 (IGF1) are the cause of insulin-like growth factor I deficiency (Insulin Like Growth Factor 1 (IGF1) deficiency) which is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation. The antibody is specific to isoform Insulin Like Growth Factor 1 (IGF1)A.

Target: Insulin-Like Growth Factor I (IGF1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Datasheet

Version: 8.0.0
Revision date: 10 Jul 2025



Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/1500 - 1/3000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to IGF1. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P05019 (UniProt , ExPASy)
Gene Symbol:	IGF1
GeneID:	3479
OMIM:	147440
NCBI Accession:	NP_000609.1
HGNC:	5464
Ensembl:	ENSG00000017427
Molecular Weight:	Calculated MW: 22 kDa Observed MW: 18 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.