

Rabbit TCF3 Polyclonal Antibody | anti-TCF3 antibody

TCF3 Antibody - N-terminal region

CATALOG # AAA201480	HOST Rabbit	REACTIVITY Dog, Horse, Human, Mouse, Rat	APPLICATIONS Western Blot
-------------------------------	-----------------------	--	-------------------------------------

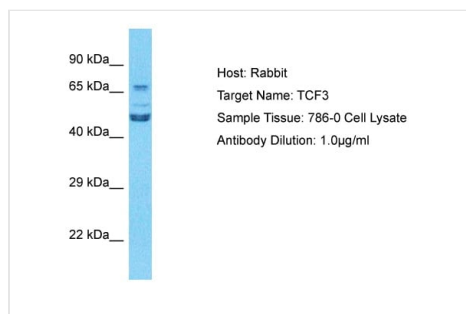
PRODUCT SYNONYMS

TCF3; Polyclonal Antibody; TCF3 Antibody - N-terminal region; anti-TCF3 antibody

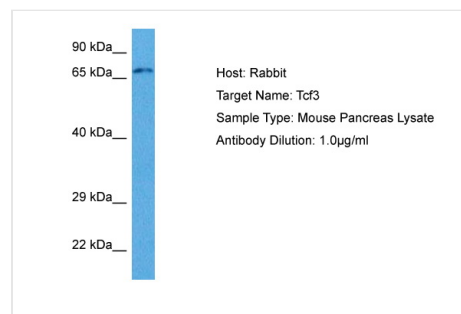
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ED RPSSGSWGSG DQSSSFDPSTRTFSEGTHTFESHSSLSSTFLGPGLGG
Sequence Length	654
Applicable Applications for anti-TCF3 antibody	WB (Western Blot)
Homology	Dog: 86%; Horse: 85%; Human: 100%; Mouse: 86%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TCF3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: Rabbit Target Name: TCF3 Sample Type: 786-0 Whole Cell lysates Antibody Dilution: 1.0 µg/ml


WB (Western Blot)

Host: Mouse Target Name: TCF3 Sample Tissue: Mouse Pancreas Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TCF3 antibody	This is a rabbit polyclonal antibody against TCF3. It was validated on Western Blot Target Description: TCF3 is a transcriptional regulator. It is involved in the initiation of neuronal differentiation. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. TCF3 binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. It binds to IEB1 and IEB2, which are short DNA sequences in the insulin gene transcription control region.
Product Categories/Family for anti-TCF3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Cell Biology; Chromatin & Nuclear Signaling; Developmental Biology; Immunology; Signal Transduction; DNA/RNA/Protein Interactions; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	27777636
NCBI GeneID	6929
NCBI Accession #	NP_003191
NCBI GenBank Nucleotide #	NM_003200
UniProt Accession #	P15923
Molecular Weight	71kDa
NCBI Official Full Name	transcription factor E2-alpha isoform E12
NCBI Official Synonym Full Names	transcription factor 3
NCBI Official Symbol	TCF3
NCBI Official Synonym Symbols	E2A; E47; p75; AGM8; ITF1; VDIR; TCF-3; bHLHb21
NCBI Protein Information	transcription factor E2-alpha
UniProt Protein Name	Transcription factor E2-alpha
UniProt Gene Name	TCF3
UniProt Synonym Gene Names	BHLHB21; E2A; ITF1; bHLHb21; TCF-3
UniProt Entry Name	TFE2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.