

Datasheet for ABIN6736414
anti-LEF1 antibody (AA 51-100)

3 Images

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Overview

Quantity:	100 µL
Target:	LEF1
Binding Specificity:	AA 51-100
Reactivity:	Human, Dog, Cow, Guinea Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LEF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa51-100 of human LEF1 (Q9UJU2, NP_057353). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Dog, Bovine (100%), Galago, Rabbit, Pig, Opossum (92%), Guinea pig (85%), Mouse, Rat (78%). Type of Immunogen: Synthetic peptide
Specificity:	Human LEF1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine (100%) Pig (92%) Guinea pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	LEF1
Alternative Name:	LEF1 (LEF1 Products)
Background:	Name/Gene ID: LEF1 Synonyms: LEF1, LEF-1, TCF7L3, TCF1-alpha, TCF10, TCF1ALPHA
Gene ID:	51176
NCBI Accession:	NP_057353
UniProt:	Q9UJU2
Pathways:	WNT Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Hormone Metabolic Process , Nuclear Hormone Receptor Binding , Chromatin Binding

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.1 - 2 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

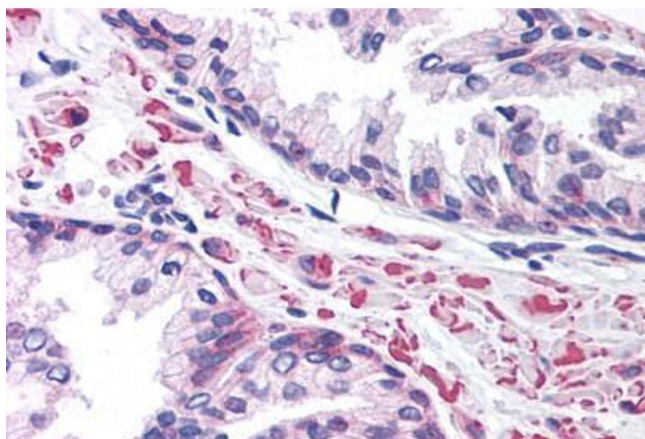
Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile ddH2O.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

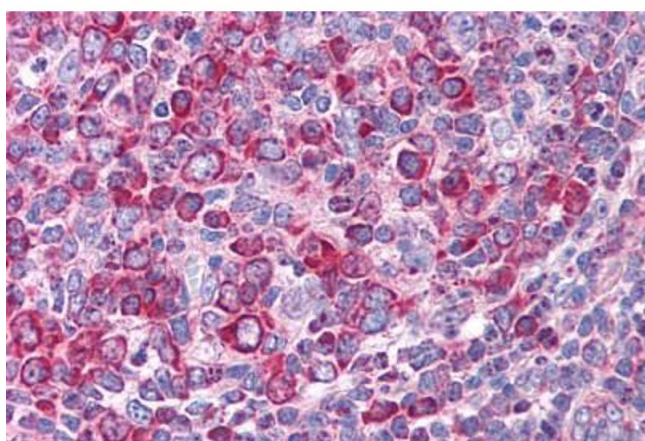
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



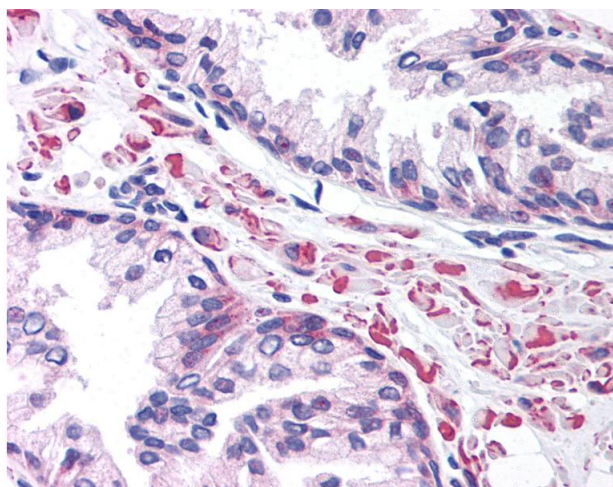
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Prostate (formalin-fixed, paraffin-embedded) stained with LEF1 antibody ABIN214792 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Tonsil (formalin-fixed, paraffin-embedded) stained with LEF1 antibody ABIN214792 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-LEF1 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other fo ...