ELK Biotechnology

LITAF rabbit pAb

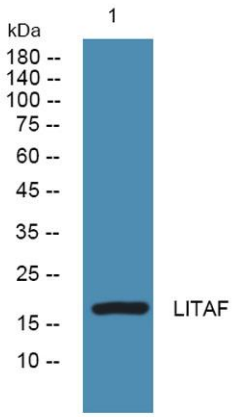
Cat No.:ES11138

For research use only

Overview

Product Name	LITAF rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	LITAF Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Lipopolysaccharide-induced tumor necrosis factor-alpha factor (LPS-induced TNF-alpha factor) (Small integral membrane protein of lysosome/late endosome) (p53-induced gene 7 protein)
Gene Name	LITAF PIG7 SIMPLE
Cellular localization	Cytoplasm . Nucleus . Lysosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Early endosome membrane . Late endosome membrane . Endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell membrane ; Peripheral membrane protein
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	17kD
Human Gene ID	9516
Human Swiss-Prot Number	Q99732
Alternative Names	
Background	Lipopolysaccharide is a potent stimulator of

monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2014],



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

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