10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-LYL1 Antibody

Catalog # AP60335

Product Information

Application	WB, IHC
Primary Accession	P12980
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29938

Additional Information

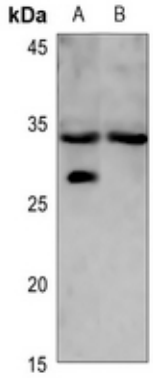
Gene ID	4066
Other Names	BHLHA18; Protein lyl-1; Class A basic helix-loop-helix protein 18; bHLHa18; Lymphoblastic leukemia-derived sequence 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LYL1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

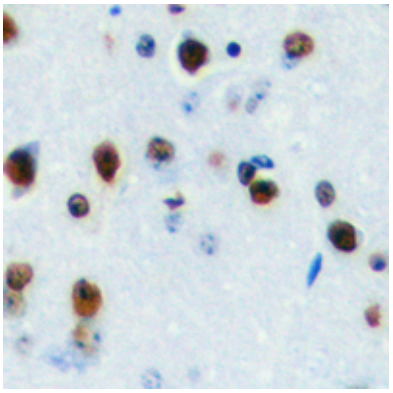
Protein Information

Name	LYL1 {ECO:0000303|PubMed:18160048, ECO:0000312|HGNC:HGNC:6734}
Function	Transcriptional coactivator that interacts with CREB1 and activates several CREB1-responsive genes.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

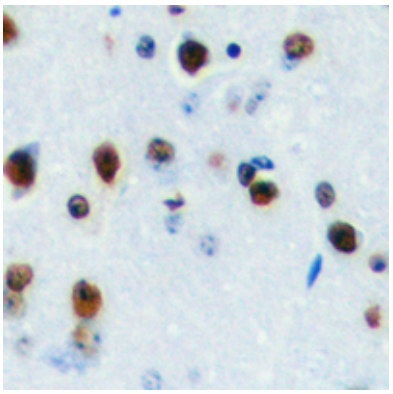
Images

Western blot analysis of LYL1 expression in mouse muscle (A), rat muscle (B) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 34 kD)





Immunohistochemical analysis of LYL1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.