

Product datasheet for **TA355014**

C9orf72 Rabbit Polyclonal Antibody

Product data:

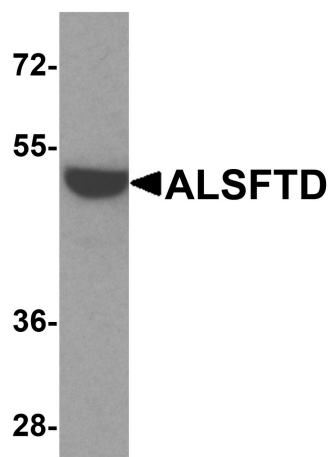
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1-2µg/mL.IHC: 10µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ALSFTD antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human ALSFTD. The immunogen is located within amino acids 400 - 450 of ALSFTD.
Formulation:	ALSFTD Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	ALSFTD Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 53 kDa; Observed: 52 kDa
Gene Name:	chromosome 9 open reading frame 72
Database Link:	NP_060795 Entrez Gene 203228 Human Q96LT7
Background:	ALSFTD (C9orf72) is considered to play a role in gender determination (1). Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG (2). Familial dysautonomia is also associated with chromosome 9 though through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster (3,4).
Synonyms:	MGC23980; OTTHUMP00000021172; RP11-27J8.2



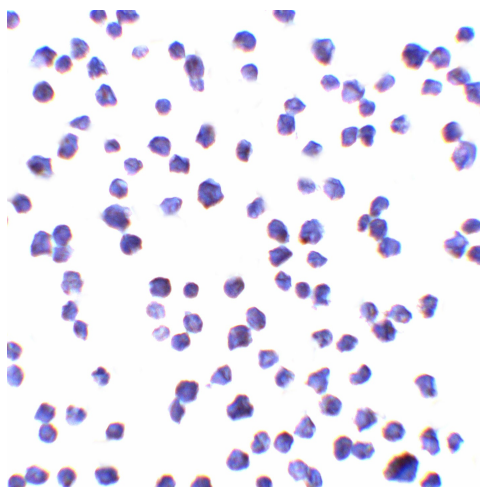
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Note: ALSFTD antibody can be used for the detection of ALSFTD by Western blot at 1 - 2 $\mu\text{g}/\text{mL}$. Antibody can also be used for immunocytochemistry at 10 $\mu\text{g}/\text{mL}$.

Product images:



Western blot analysis of ALSFTD in HeLa cell lysate with ALSFTD antibody at 1 $\mu\text{g}/\text{mL}$.



Immunocytochemistry of ALSFTD in A-20 cells with ALSFTD antibody at 10 $\mu\text{g}/\text{mL}$.