SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-C4orf22/AF647 Conjugated antibody

Catalog Number: SL9991R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-C4orf22/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human C4orf22
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Horse,Rabbit,Sheep)
Background:	background: C4orf22 is a 233 amino acid protein that exists as three alternatively spliced isoforms and are encoded by a gene encoding maping to human chromosome 4, which represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded by a gene that maps to chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease. **Database links:** **Entrez Gene:** 255119 Human **SwissProt:** Q6V702 Human **Unigene:** 527104 Human Important

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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