C1orf55 Antibody										
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A302–099A Lot No. A302–099A–1		099A (	Protein ID GeneID	NP_689821.3 163859		BETHYL LABORATORIES, ING				
APPLICATIONS		IP								
SPECIES REACTIVITY		Human								
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan								
AMOUNT		100 μΙ								
CONCENTRATION		1000 µg/ml								
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt								
PHYSICAL STATE		Liquid								
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide								
ISOTYPE		lgG								
ORIGIN		USA								
PRODUCTION		Antibody was affinity purified using an epitope specific to C1orf55 immobilized on solid support.								
PROCEDURES		The epitope recognized by A302–099A maps to a region between residue 401 and 451 of human chromosome 1 open reading frame 55 using the numbering given in entry NP_689821.3 (GeneID 163859).								
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.								
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.								
		Western Blot	use Thi	t recommended. A302-( ed for WB of C1orf55 in is antibody can be used munoprecipitated) sourc	crude preparations for WB of enriched					
		Immunoprecipita	tion 2 -	5 µg/mg lysate						
APPLICATION N	IOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).								
ADDITIONAL INFO		https://www.bethyl.com/product/A302–099A								
		Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB								

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

	IP	/WB			
kDa 250-					
130-					
70-					
51-	-	-		←C1orf55	
38-					
28-					
19-					
	+	-	-	A302-098A A302-099A	ľ
	12	+	-	A302-099A	IP
	-	-	+	Ctrl IgG	

## Detection of human C1orf55 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for

Immunoprecipitates. Samples: whole cell tysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-C1orf55 antibody A302-099A used for IP at 3  $\mu$ g/mg lysate. C1orf55 was also immunoprecipitated by rabbit anti-C1orf55 antibody A302-098A, which recognizes an upstream epitope. For blotting immunoprecipitated C1orf55, A302-099A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.