Origin Recognition Complex Subunit 6 (ORC6) Antibody
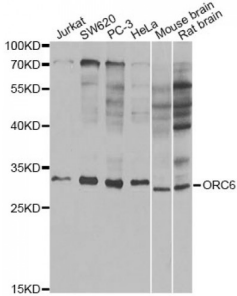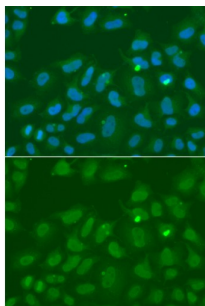
Catalogue No.:abx004156

Western blot analysis of extracts of various cell lines, using ORC6 antibody (abx004156) at 1/1000 dilution.

Immunofluorescence analysis of A549 cells using ORC6 antibody (abx004156). Blue: DAPI for nuclear staining.

ORC6 Antibody is a Rabbit Polyclonal antibody against ORC6. The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis.

Target:	ORC6
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IF/ICC
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human ORC6.
Purification:	Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 28 kDa
	Observed MW: 32 kDa
Swiss Prot:	**Q9Y5N6**
GeneID:	**23594**
Gene Symbol:	ORC6
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.