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## anti-ORC3 antibody (N-Term)

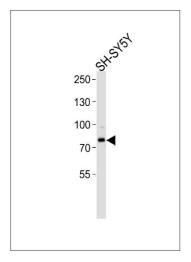


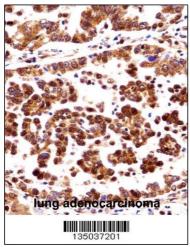


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Overview	
Quantity:	400 μL
Target:	ORC3
Binding Specificity:	AA 17-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This ORC3L antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 17-46 amino acids from the N-terminal region of human ORC3L.
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ORC3
Alternative Name:	ORC3L (ORC3 Products)
Background:	The origin recognition complex (ORC) is a highly conserved six subunits 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. Studies of a similar gene in Drosophila suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene.
Molecular Weight:	82 kDa
Gene ID:	23595
UniProt:	Q9UBD5
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Feeding Behaviour, Synthesis of DNA
Application Details	
Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.





## **Western Blotting**

**Image 1.** Western blot analysis in SH-SY5Y cell line lysates (35ug/lane).

## **Immunohistochemistry**

**Image 2.** ORC3L Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung adenocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.