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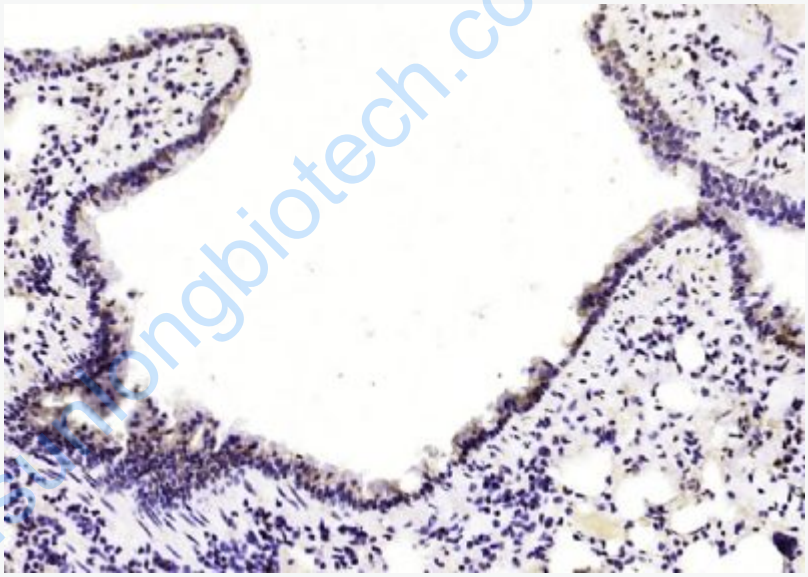
Rabbit Anti-CUEDC2 antibody

SL4608R

Product Name:	CUEDC2
Chinese Name:	CUE结构域蛋白2抗体
Alias:	bA18I14.5; C10orf66; Chromosome 10 open reading frame 66; CUE domain containing 2; CUE domain-containing protein 2; CUED2; CUED2_HUMAN; Cuedc2; MGC2491; OTTHUMP00000020368.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CUE domain containing 2:201-287/287
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Controls PGR and ESR1 protein levels through their targeting for ubiquitination and subsequent proteasomal degradation. **Function:**

	Down-regulates ESR1 protein levels through the ubiquitination-proteasome pathway, regardless of the presence of 17 beta-estradiol. Also involved in 17 beta-estradiol-induced ESR1 degradation. Controls PGR protein levels through a similar mechanism. **Subunit:** Interacts with PGR. Interacts with ESR1 in the presence or absence of 17 beta-estradiol. **Subcellular Location:** Cytoplasm. Nucleus. **Tissue Specificity:** Significantly up-regulated in breast tumor tissues compared with matched adjacent normal tissues (at protein level). Levels inversely correlate with ESR1 in breast cancers and are lower in low-grade tumors compared to high-grade tumors. **DISEASE:** Note=May predict the clinical outcome of tamoxifen therapy of breast cancer patients. Patients with tumors that highly express CUEDC2 do not respond to tamoxifen treatment as effectively as those with tumors with low expression. **Similarity:** Belongs to the CUEDC2 family. Contains 1 CUE domain. **SWISS:** Q9H467 **Gene ID:** 79004 **Database links:** Entrez Gene: 79004 Human Entrez Gene: 67116 Mouse Entrez Gene: 294009 Rat Omim: 614142 Human SwissProt: Q9H467 Human SwissProt: Q9CXX9 Mouse SwissProt: A1L131 Rat Unigene: 500874 Human

	Unigene: 218848 Mouse Unigene: 19673 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. CUEDC2(CUE Domain Containing 2)能够结合IKKα和IKKβ,并通过使IKKα和IKKβ去磷酸化而抑制NF-κ信号通路。CUEDC2能特异性结合雌激素受体(ER)，并导致ER的Ubiquitin化降解.抑制乳腺癌细胞的生长。
Picture:	 Paraformaldehyde-fixed, paraffin embedded (mouse lung tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CUEDC2) Polyclonal Antibody, Unconjugated (SL4608R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.