

Product datasheet for **TA367797**

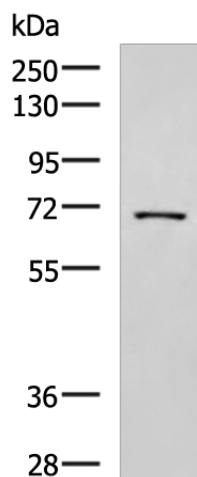
WEE1 Rabbit Polyclonal Antibody

Product data:

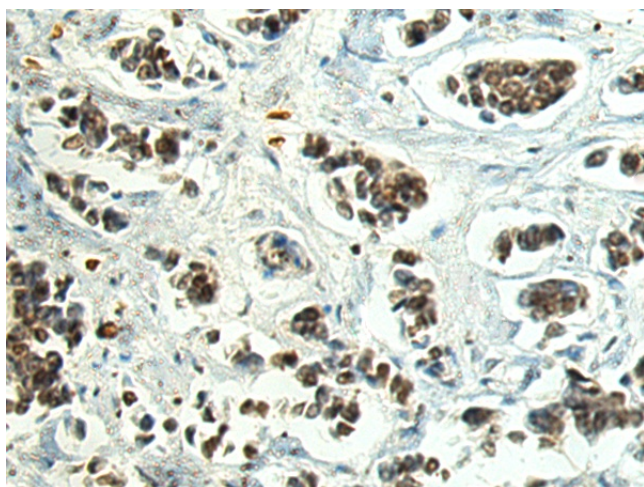
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: K562 cell lysate IHC: 25-50 Positive control: Human breast cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human WEE1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	71 kDa
Gene Name:	WEE1 G2 checkpoint kinase
Database Link:	Entrez Gene 7465 Human P30291
Background:	This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase.
Synonyms:	DKFZp686i18166; FLJ16446; WEE1A; WEE1hu



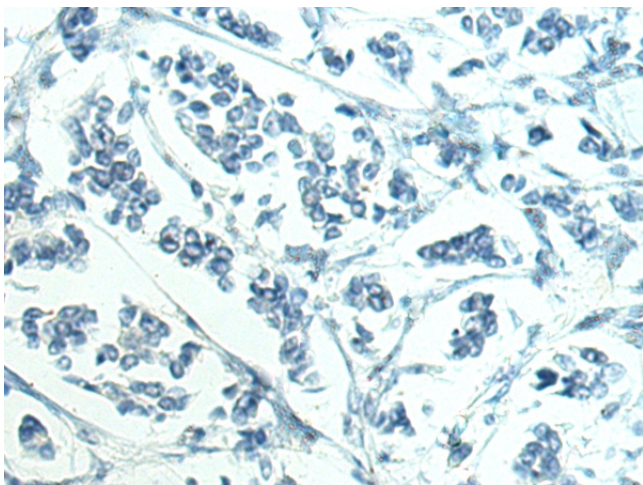
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Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: K562 cell lysate
Primary antibody: TA367797 (WEE1 Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA367797 (WEE1 Antibody) at dilution 1/40 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA367797 (WEE1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: $\times 200$)