

## Product datasheet for **TA320133**

### HIGD2A Rabbit Polyclonal Antibody

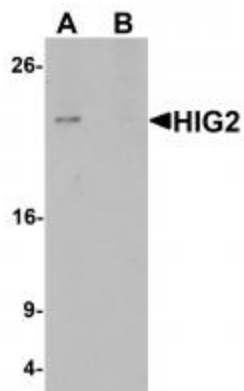
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	HIG2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human HIG2.
Formulation:	HIG2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	HIG2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	HIG1 hypoxia inducible domain family member 2A
Database Link:	<a href="#">NP_001092256</a> <a href="#">Entrez Gene 192286 Human</a> <a href="#">Q9BW72</a>
Background:	HIG2 Antibody: HIG1 and HIG2 (Hypoxia-inducible gene 1 and 2, respectively) are known to be induced by hypoxic conditions. HIG2 is induced by hypoxia and by glucose deprivation in cultured cells. In addition, tumor xenografts derived from human cervical cancer cells display increased expression of HIG1 and HIG2 when they are deprived of oxygen. Unlike HIG2, which is ubiquitously expressed and might be an activator and target of the canonical Wnt pathway, the function and the mechanisms underlying its regulation of HIG1 still remained unknown. The putative link between hypoxia and an oncogenic signaling pathway might play an important role in tumorigenesis.
Synonyms:	RCF1b



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## Product images:



Western blot analysis of HIG2 in 3T3 cell lysate with HIG2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.