

DNAXPAb

Hard-to-Find
Antibody

C12orf5 DNAXPab

Catalog # H00057103-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human C12orf5 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MARFALTVVRHGETRFNKEKIIQGQGVDEPLSETGFKQAAAAGIFLNNVKFTHAFSSDLMRTKQT MHGILERSKFCKDMTVKYDSRLRERKYGVVEGKALSELRAMAKAAREECPVFTPPGGETLDQVK MRGIDFFEFLCQLILKEADQKEQFSQGSPSNCLETSLAEIFPLGKNHSSKVNDSGIPGLAASVLV VSHGAYMRSLFDYFLDLKCSLPATLSRSELMSTPNTGMSLFIIINFEEGREVKPTVQCICMNLQD HLNGLTETR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — C12orf5

Entrez GeneID [57103](#)**GeneBank Accession#** [NM_020375.2](#)**Protein Accession#** [NP_065108.1](#)**Gene Name** C12orf5**Gene Alias** TIGAR**Gene Description** chromosome 12 open reading frame 5**Omim ID** [610775](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene is regulated as part of the p53 tumor suppressor pathway and encodes a protein with sequence similarity to the bisphosphate domain of the glycolytic enzyme that degrades fructose-2, 6-bisphosphate. The protein functions by blocking glycolysis and directing the pathway into the pentose phosphate shunt. Expression of this protein also protects cells from DNA damaging reactive oxygen species and provides some protection from DNA damage-induced apoptosis. The 12p13.32 region that includes this gene is paralogous to the 11q13.3 region. [provided by RefSeq]

Other Designations TP53-induced glycolysis and apoptosis regulator|transactivated by NS3TP2 protein