DNAxPAb | Hard-to-Find Antibody

UTS2 DNAxPab

Catalog # H00010911-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UTS2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MYKLASCCLLFIGFLNPLLSLPLLDSREISFQLSAPHEDARLTPEELERASLLQILPEMLGAERGDIL RKADSSTNIFNPRGNLRKFQDFSGQDPNILLSHLLARIWKPYKKRETPDCFWKYCV
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 — UTS2

Entrez GeneID	10911
GeneBank Accession#	NM_006786.2
Protein Accession#	NP_006777.1
Gene Name	UTS2
Gene Alias	PRO1068, U-II, UCN2, UII
Gene Description	urotensin 2
Omim ID	604097
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a mature peptide that is an active cyclic heptapeptide absolutely conserved fr om lamprey to human. The active peptide acts as a vasoconstrictor and is expressed only in brain tissue. Despite the gene family name similarity, this gene is not homologous to urocortin, a memb er of the sauvagine/corticotropin-releasing factor/urotensin I family. Most of the proprotein is cleav ed to make the mature peptide. Transcript variants encoding different preproprotein isoforms hav e been described for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000001357|OTTHUMP00000001358

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Diabetes
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Glucose Intolerance
- Hypercholesterolemia
- Hypertension

- Insulin Resistance
- Kidney Failure
- Metabolic Syndrome X
- Myocardial Infarction
- Pre-Eclampsia
- Renal Insufficiency
- Werner syndrome