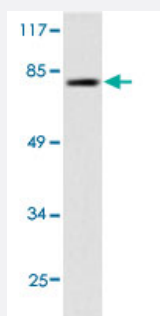


TYR polyclonal antibody

Catalog # PAB24831 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate (treated with UV 30min) with TYR polyclonal antibody (Cat # PAB24831).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TYR.
Immunogen	A synthetic peptide corresponding to TYR.
Host	Rabbit
Theoretical MW (kDa)	80
Reactivity	Human
Specificity	TYR polyclonal antibody detects endogenous levels of TYR protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COS-7 cell lysate (treated with UV 30min) with TYR polyclonal antibody (Cat # PAB24831).

Gene Info — TYR

Entrez GeneID	7299
Gene Name	TYR
Gene Alias	OCA1A, OCAIA, SHEP3
Gene Description	tyrosinase (oculocutaneous albinism IA)
Omim ID	103470 203100 606933 606952
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene. [provided by RefSeq]
Other Designations	tyrosinase

Pathway

- [Betain biosynthesis](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Isoquinoline alkaloid biosynthesis](#)

- [Melanogenesis](#)
- [Metabolic pathways](#)
- [Riboflavin metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Adenocarcinoma](#)
- [Albinism](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Bone Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hermanski-Pudlak Syndrome](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)

- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)