

Product datasheet for **AP55361SU-N**

Tyr Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/2000. Immunohistochemistry: 1/50-1/500.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from C-terminal domain of TYRO protein.
Specificity:	Reacts with Mouse 60 kDa protein. This antibody cross reacts with Human and other species.
Formulation:	State: Serum State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tyrosinase
Database Link:	Entrez Gene 22173 Mouse P11344
Background:	Tyrosinase is a copper containing metalloprotein that catalyzes several steps in the melanin pigment biosynthetic pathway. It is thought to catalyze the rate-limiting conversions of tyrosine to DOPA, DOPA to DOPA-quinone and possibly 5,6-dihydroxyindole to indole-5,6 quinone. A mutant allele of TYR is a common cause of autosomal recessive ocular albinism, also known as tyrosinase negative oculocutaneous albinism. This is an autosomal recessive disorder characterized by absence of pigment in hair, skin and eyes.



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Synonyms:

LB24-AB; OCA1A; OCAIA; SHEP3; SK29-AB; tyrosinase