

Product Datasheet

OAT antibody [N1C3] GRP115

Description	This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme is the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. [provided by RefSeq]	
Species/Host	Rabbit	MWY KSSL TR
Reactivity	Human, Mouse	130 — 95 — 72 — 55 —
Conjugation	Unconjugated	43 ← OAT
Tested Applications	ICC, IF, IHC-P, WB	26 —
Immunogen	Recombinant protein encompassing a sequence within the cente region of human OAT. The exact sequence is proprietary.	Various whole cell extracts (30 ?g) were separated by 10% SDS-PAGE, and the membrane was blotted with OAT
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	antibody [N1C3] (GRP567) diluted at
Concentration	0.28 mg/ml	1:1000. The HRP-conjugated anti-rabbit IgG antibody
Storage	Store as concentrated solution. Centrifuge briefly prior to openin- vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	used to detect the primary antibody.
Note	For research use only.	N.H. W.H.
Isotype	lgG	
Clonality	Polyclonal	Derest Same
Purity	Purified by antigen-affinity chromatography.	OAT antibody [N1C3]
Uniprot ID	P04181	OAT protein at mitochondria by
Entrez	4942	immunofluorescent analysis.Sample: HeLa
Dilution Range	WB: 1:1000-1:10000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000	cells were fixed in ice-cold MeOH
		for 5 min.Green: OAT

protein stained by OAT antibody [N1C3] (GRP567) diluted at 1:500.Blue: Hoechst 33342 staining.