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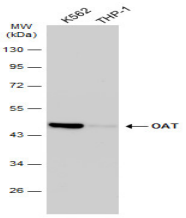
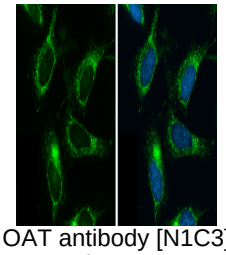
Product Datasheet

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
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the cente region of human OAT. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.28 mg/ml
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.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	**P04181**
Entrez	**4942**
Dilution Range	WB: 1:1000-1:10000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000



Various whole cell extracts (30 ?g) were separated by 10% SDS-PAGE, and the membrane was blotted with OAT antibody [N1C3] (GRP567) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



OAT antibody [N1C3] detects OAT protein at mitochondria by immunofluorescent analysis.Sample: HeLa 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.