

**Anti-Human/Mouse/Rat TECR Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04112**

---

3th Edition

**Description:**TECR (Trans-2,3-Enoyl-CoA Reductase) is a Protein Coding gene. Diseases associated with TECR include Mental Retardation, Autosomal Recessive 14 and Autosomal Recessive Non-Syndromic Intellectual Disability. Among its related pathways are Fatty acid elongation and Fatty acid metabolism. GO annotations related to this gene include oxidoreductase activity, acting on the CH-CH group of donors. An important paralog of this gene is TECRL.This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene.

**Antigen:**Synthesized peptide derived from the C-terminal region of human GPSN2

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Expressed in most tissues tested. Highly expressed in skeletal muscle.