

Abstract

A catalyst component for olefin polymerization is disclosed, which comprises at least one diol ester type electron donor compound (a) and at least one diether type electron donor compound (b) among others, wherein the molar ratio of a to b is 0.55-50. A preparation method of the catalyst component, a catalyst comprising the catalyst component, and an olefin polymerization method using the catalyst which can especially be used for preparation of polypropylenes of low ash contents are also disclosed.